

Speyhawk plan wins poll support

DEVELOPER Speyhawk has won 71 per cent local support in a MORI opinion poll on its controversial BDP-designed shopping centre proposals for Wimbledon town centre.

Labour pledge under attack

LABOUR Party plans for a massive public sector building boom if it wins the next election were attacked this week by the Association of Metropolitan Authorities.

Housing officer Ted Cantle said such a leap in demand would lead in disastrous 1960s style "overheating", and that incremental growth was essential.

Liverpool casts dice

LIVERPOOL'S leaders have come up with a novel way of saving the redundant and decaying St Georges Hall — by turning the Grade I listed building into a casino.

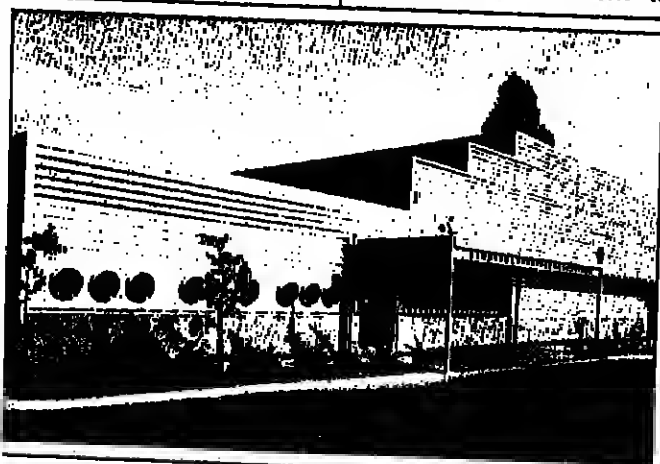
Conservation groups in the city are horrified by the casino idea and have asked the ruling Labour council to think again.

Cyril Spragg

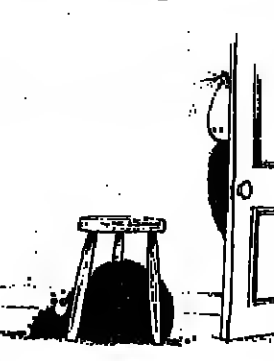
CYRIL Spragg, CBE, secretary of the RIBA from 1945-59 and an influential figure in shaping post-war policy in the building industry in that period, died on April 21, aged 91.

London plan

WHO Plans London Now? is the subject of a one-day conference at the RIBA on Wednesday, June 16. Details from RIBA, tel 01-580 5533 (ext 4420).



... signing off ...



THE UNDERST (LEFT) AND A PRIMER

Government backs major study on schoolyards

SCHOOL environments could be transformed as a result of a major research project launched with Department of Education and Science support.

A three-year research and development programme is to be undertaken on how the landscaping of the schools can be improved, with a view to radically changing the 40,000ha of school grounds nationally.

The work is expected to cost more than £100,000, but has the firm backing of the DES, the

By Lewis Blackwell

Countryside Commission and three county councils, Hampshire, Berkshire and Surrey.

Behind the study, intended to lead to a formal DES design guidance note, is the pioneering work of Hampshire County Council.

It is already half way through a five-year programme of re-fashioning school land, introducing into the notorious "green deserts" new features that aim to create outdoor classrooms, with ponds, varying vegetation and even woodland.

Critical to obtaining DES backing is the cost-cutting the scheme involves — it reduces areas of high maintenance grass.

Interviews have just been concluded for on £18,000 a year landscape research officer to

carry out the study.

Colin Hindsmith, a senior landscape architect at Hampshire County Council, commented: "We have been looking to develop the idea of the outdoor classroom for some years here. Obviously one must have playing fields, but there is so much more that can be done to use school land as an educational resource."

More public sector sales urged

LOCAL authorities should sell off more of their property as a way of fighting decay, claims a report out today that has RIBA backing.

Our Heritage, a document produced by the Society of Local Authority Chief Executives, the RIBA, the Royal Incorporation of Chartered Surveyors and the Chartered Institute of Public Finance and Accountancy, cites inadequate property management as a major problem behind the poor condition of much property in local authority hands.

It says property professionals in the authorities

should work closer to develop strategies for revitalising assets, and stresses the need for property review and buildings replacement. The report advocates a more hands-on approach to managing the property with the professionals involved being initiative if necessary to draw up design ideas.

Behind Our Heritage is a working party of officers that includes Nottinghamshire architect Henry Swain and Alan Melksham, & Worcester's county property officer.

Tenants celebrate final demise of Ronan Point

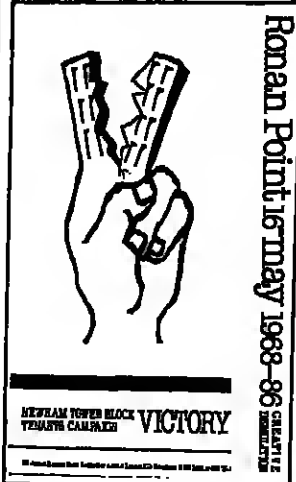
Ronan Point finally starts coming down next Friday, 18 years after its collapse and years after tenants and their experts condemned the block as unsafe.

Contractors Griffiths McGee have won a £578,000 deal to carry out scientific dismantling of the block for Newham council. The DoE has agreed £34,000 to the work, and the Greater London Council gave a grant to abolition.

John Phillips, the council structural engineer who will be supervising work, said he expected the dismantling to take a year. Panels would be for Building Research Establishment investigations.

There are eight other blocks of similar design in Newham's Freeman Estate, and more 500 similar Taylor Woodrow Anglian blocks in the country.

Ronan Point campaigner Sam Webb, with Canterbury College students Darren Denmont and David Blackwell, drew up the poster for the "V-E day" celebrations being organised in Newham.



Ronan Point is may 1988-89

No 787

The weekly newspaper for the design team

Friday May 16 1986

Hospital design under fire

SIR Basil Spence Glover & Ferguson's three-year-old extension to the Glasgow Royal Infirmary has been condemned as a "grandiose design", outdated before it was completed.

Donald McQuaker, chairman of the Greater Glasgow Health Board, made the claim to a select committee of Scottish MPs investigating hospital provision.

He said it was unlikely that plans for further phases of "an absolutely gigantic hospital complex" would ever be built. The £53 million Spence extension was originally planned in 1963, work began in 1973, and it was completed in 1983.

The MPs also heard that design fees for health board work in Glasgow had been almost double that found in London.

National gets pier

DENYS Lasdun is designing a floating restaurant that will form the final element in his National Theatre/IBM building complex on the South Bank.

It has been a dream of mine for about five years," he told BD. The 120-seat restaurant and bar will be on a pier projecting about 75m from the embankment, on an axis with the road running between the National Theatre and the IBM building.

Blaze guts Soane hall

DEREK Latham & Associates will be investigating whether Sir John Soane's Pall Mall Hall can be saved following a mysterious fire that gutted parts of the dilapidated building.

The Derby-based architects had planned with the British Historic Buildings Trust to convert the mansion to homes. The current owner, who has repeatedly applied to demolish the building, recently failed to attempt to resist the case for compulsory purchase.

Police have said the fire was "suspicious". It appeared to have started in several places.

Office ailment

THE newly formed British Lung Foundation has given an £18,723 research grant to a medical investigation of the "sick building syndrome".

Luder seen as presidential rival

RIBA PLAN TO WRECK HACKNEY'S UIA HOPES

THE prospect of an embarrassing battle between rival British candidates for the presidency of the International Union of Architects came a step nearer this week.

The RIBA's policy committee appears now to have finally ruled out any question of Rod Hackney, a current UIA vice-president, for the top job.

Instead, it may approach former RIBA president Owen

By BD Reporter

Luder to see if he would consider running.

Although one reason given for the opposition to Hackney is the lack of funding (it costs a national chapter an estimated £100,000 to fund the world president's activities), it is no secret that the real reason is that Hackney has upset certain influential senior figures in the Portland Place hierarchy.

The controversial community architect told BD this week that he would run for president, and had support from various other national chapters (there are 90 in all) who would be prepared to nominate him.

Meanwhile Luder, who is organising the new UIA Congress, to be held in Brighton next year, said he had received no official approach from the institute.

"If I was approached I'd have to think very hard about it," he told BD.

The three-year presidency would be a serious commitment. All he was thinking about at the moment was the organisation of the Brighton conference.

Hackney is obviously disappointed that his own national chapter should deliver such a snub, especially when at the moment was the organisation of the Brighton conference.

And he believes the institute will now have to find a way of showing it could finance an alternative candidate, but not him — which will demonstrate how desperate some factions are to stop him at any cost.

The election for the presidency, currently held by Bulgarian Georgi Stoilov, takes place after the Brighton Congress, when the national delegates attend a meeting in Dublin.

Interestingly, Stoilov is understood to have written to Prince Charles in a bid to enlist his support for Hackney as the British national candidate.

In the past Hackney has said he believes he can count on support from Spanish, Third World and Soviet bloc countries, and that his role as community architect was more important than an RIBA nomination.

But it must be said that the voting habits of the national chapters have not always given priority to the personal qualities of the candidate.

Cash help urged for insurance

ARCHITECTS working on a centrally-funded projects are negotiating a special payment from the Government to underwrite the extra costs of their professional indemnity cover.

RIBA and Housing Corporation backing has been given to the move, which is tied in with a bid for a fee scales for Housing Corporation work.

RIBA practice director David Barclay told BD this week that steadily rising insurance costs for practices working on centrally-funded projects had

been largely due to Government pressure on public authorities to pursue defects litigation.

New the case for Government help to architects is being presented with the backing of a RIBA survey on practice costs.

The continuing problems of the professional indemnity market were highlighted this week with the launch of the Allianz Legal Protection scheme. The policy rules out litigation insurance for professional indemnity matters as being too risky.

Palumbo tries again in the City

CITY developer and patron Peter Palumbo renewed his bid to develop a site at Mansion House this week when he submitted two planning applications to the City Corporation.

Designed by James Stirling, Michael Wilford & Associates for a triangular site bounded by Pauline and Queen Victoria Street, the £60 million proposals give planners the option of keeping the Victorian Mappin & Webb building rising to 152 feet, or a lower version which would remove Mappin & Webb.

Stirling's first design, produced following rejection of

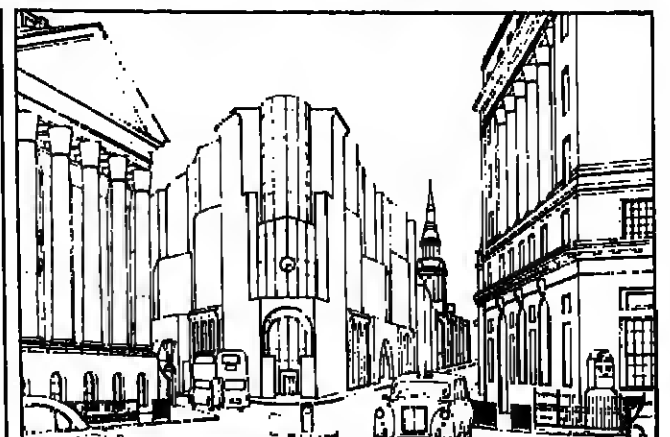
More pictures, pages 6 & 7

Palumbo's cherished 300ft Miles van der Rahe tower and square on the site in front of Mansion House, rose to 175ft. After discussion with the City planners, who expressed disquiet about height, the 152ft version was produced, along with the even lower-rise alternative.

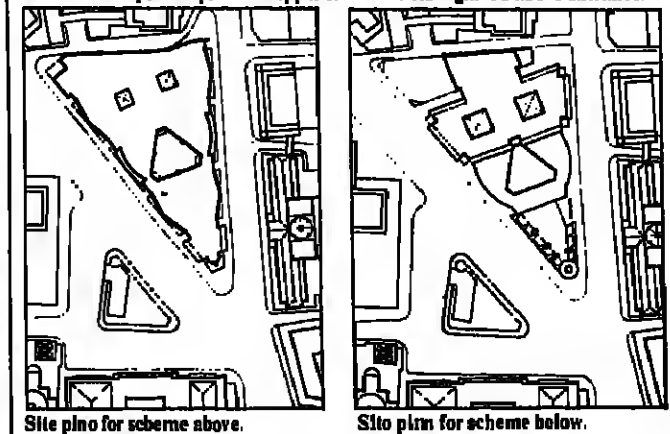
Both schemes have won approval from the Royal Arts Commission, though a preference has been expressed by a majority of members for retaining Mappin & Webb. Others shown the designs include members of the Royal family and leading lights in the City.

The designs are likely to go on public exhibition in the City at the start of June, and there are hopes that a planning decision might be

continued page 3



This low-rise option replaces Mappin & Webb with a glazed above entrance.



Site plan for scheme above. Site plan for scheme below.



Design incorporating the Mappin & Webb building.

Time check on planning

ENVIRONMENT secretary Kenneth Baker has told local authorities to cut the average time for handling planning appeals from 19 weeks to 11 weeks following an efficiency review by the DoE. Proposed changes include creating more inspectors and producing clearer planning decisions.

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Bucks architects



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Enter 1 ON EXPRESS ENQUIRY CARD

Rostrum

Richard Carr reports from the RIAS annual convention in Aberdeen. More on page 4.

Winds of change



Keynote speaker Vico Magistretti.

THERE seem to be three reasons for the success of the Royal Incorporation of Architects in Scotland's annual conventions: the choice of location (which is different every year); the professionalism of the speakers; and the ability of the RIAS to get its delegates into buildings that are normally closed to the public.

The venue for last weekend's convention was His Majesty's Theatre, Aberdeen, a beautiful 1906 building by Frank Mitchell which has recently been restored by the city council at a cost of £2.5 million.

Among the speakers were Karla Kowalski and Michael Szyszkowitz, a husband-and-wife team from Austria, whose expressionist houses, flats and schools are a stunning mixture of Mendelsohn, Steiner, Wright and Berg — though when asked about influences, the architects said both that there were none or too many to mention, crediting their teachers "who were not quite crazy, but you know what we mean". Another speaker from overseas was Vico Magistretti, who complimented Britain on having so many architectural competitions, explaining that there are few in Italy "because when they are announced, we already know who the winners will be".

The theme of the convention was "Design Futures and Identity", and the future, in Britain at least, seemed to be inextricably bound up with conservation, as demonstrated by Marc Ellington, owner and restorer of Towie Barclay Castle, and Douglas Forrest, the architect restoring and converting Cullen House. At the end of the convention, there was clear rift between those involved in maintaining the past and David Brown, an Aberdeen architect, who declared that architecture today is all about façades, that few if any architects have responded to the demands of people who do not have money, and that, while the car industry for example has responded to the demands for cheaper, better and more efficient cars during the past 20 years, most building techniques have hardly changed. What he wanted was a similar welcoming of new methods, materials and techniques, "yet

we cannot accept good design, no matter where it comes from".

The demand had been made earlier by Andre Tammes of Lighting Design Partnership, who said there is "a vacuum between people who design the physical" and that architects are not exploiting the potential of colour. And this, he added, is surprising because good lighting is so cheap when compared with the cost of a building. Needless to say, most of his examples of vivid use of colour came from America and Scandinavia.

The call for new ideas and for a willingness to exploit new technology reminded me of the effort Buckminster Fuller made in the inter-war years when he designed revolutionary houses made in alloys developed for the aircraft industry. The call came at the end of the convention and included attacks upon politicians, local planning committees (the butchers, bakers and candlestick makers), money men and conservationists. Such people, it seemed to me, should be invited to attend RIAS conventions to prevent them being largely talking shops for



Karla Kowalski and Michael Szyszkowitz: too many influences to mention. (Photos: Stuart Baxter.)

architects.

But if the emphasis in Britain seems almost doomed to end up as some kind of compromise, as illustrated by Ian Appleton's description of his partnership's award-winning scheme for the Leeds Playhouse competition. Explaining how the main auditorium had been inspired by Greek amphitheatres, Palladio's Teatro Olimpico at Vicenza and The Olivier in London, and how equal care had been taken over the second auditorium foyer, restaurant, bars, etc, he then revealed that plans put forward by a developer for a huge supermarket threaten to dominate the area and destroy the theatre's scale, and that the developer originally wanted to run a footbridge through the theatre itself.

To build in Britain without having to face endless problems it seems you have to go far afield — to Iona for example, where Peter Clegg's design for a visitor's centre will soon be built, or to Tirc, where a radar station has recently been built by GRM Kennedy & Partners. Both projects demonstrate how very different approaches to architecture can take note of an almost identical landscape, of historical context and the relationships between buildings and their environment, all

approach, applied to Britain, seems almost doomed to end up as some kind of compromise, as illustrated by Ian Appleton's description of his partnership's award-winning scheme for the Leeds Playhouse competition. Explaining how the main auditorium had been inspired by Greek amphitheatres, Palladio's Teatro Olimpico at Vicenza and The Olivier in London, and how equal care had been taken over the second auditorium foyer, restaurant, bars, etc, he then revealed that plans put forward by a developer for a huge supermarket threaten to dominate the area and destroy the theatre's scale, and that the developer originally wanted to run a footbridge through the theatre itself.

This ability to move quickly from design ideas (even way-out ideas) to a product, is what has made Italian design so successful. The inability to do this in Britain is what makes much of our design conservative and unattractive. And in Austria, active state encouragement (quite apart from "not quite crazy" teachers) has given architectural practices like Kowalski & Szyszkowitz a tremendous boost, as has the active participation of clients, who are regularly asked for comments, and of builders.

This adventurous, innovative



Conference speakers: Marc Ellington, David Brown, Charles McKean, Douglas Forrest, Jim Johnston, John Lawton (foreground) James C Lyoo.

Renaissance man

Mario Bellini gave the AGB/RIAA lecture on interior design on Tuesday. Jan Burney went along to listen.

PERHAPS only an Italian designer would dare to juxtapose images of his own work with depictions of the Annunciation, to show "the magic relationship between a person and their hands" when they use a machine, or with Antonello da Messina's Saint Jerome to illustrate the Renaissance concept of man's domination of space, or with Uccello's Saint George and the Dragon to represent "the endless struggle between culture and ministers".

Certainly, only a slide show of an Italian architect's work would include electronic adding machines, typewriters, domestic and office furniture, motor car prototypes, industrial complexes and school buildings.

The Renaissance scope and humanist philosophy of Mario Bellini's work represents that of the archetypal Italian designer, but Bellini's reputation is based on his achievements as an innovator within his national tradition.

His lecture illustrated how revolutionary several of his product designs had been and showed that newly developed vehicles like the Renault "Espace" were clearly derived from the "metaphorical car" Bellini designed for an American company in the early 70s.

Many of Bellini's product designs are now so familiar through their presence, or that of their imitators, in offices and showrooms throughout the world that it is surprising to be reminded of how

cumbersome and archaic typewriters and calculators looked before he began designing for Olivetti in the early 60s. His great contribution was to re-establish the relationship of the parts of such machines to the human body and the environmental culture of reading and writing. Bellini realised that there was need to restore a particular semantic relationship with the new electronic versions where the "black box" approach would destroy the individual relationships with their tools.

Having "domesticated" complex machines, Bellini became involved in the "more difficult" task for an architect, of designing a domestic chair, the aquiline result now part of the modern design collection at New York's Museum of Modern Art. More recently he completed the most difficult design project of all with the production of a family of office chairs for Vitra, the ultimate solution to achieving a "synthesis of chair and machine".

Now Bellini is "re-entertaining" the realm of architectural practice with a school near Padua, an office and factory complex outside Milan and a "post-metaphysical" furniture showroom in Japan.

New lights for Erco, a portable electronic organ for Yamaha and ceramics for Rosenthal, are ensuring that he does not lose touch with objects, but his grasp of architecture proves to be as firm, the culture of building will be gaining enormously.

Palumbo tries again

from page 1
forthcoming before the summer break.

The conservation lobbies may be satisfied by the "Mappin & Webb" proposal, in which Stirling has taken the 1870 J & J Belcher building as the fundamental element in his design, while removing all the other old buildings from the site.

The alternative design will clearly find little favour among this lobby, though it will suit critics alarmed by a building of any size in this location.

The public inquiry decision against the Mias scheme, by then DoE chief Patrick Jenkin, was entirely based on the inappropriateness of the size of the tower. It was not a rejection of a modern scheme for the site.

The biggest difference between these new schemes and the one promoted by Palumbo over three decades, apart from height, is the site itself. The old of the square is abandoned, with an existing triangular site retained, and the main triangular site completely developed.

But the latest proposals, like the Mias designs, include underground shopping, new access routes, and links with the underground.

Fellows nominated

PETER Palumbo is among this year's nominations for an honorary fellowship of the RIBA.

Other names put forward for the RIBA Council's approval next week are: architects Luis Barragan, Hassan Fathy, Kisho Kurokawa, Renzo Piano; developer Stuart Lipton; historian Henry Russell Hitchcock; critic James Mesteron Fitch; and Monica Dance, for many years secretary of the Society for the Protection of Ancient Buildings.

Boost for Bognor

DEVELOPERS have been asked to submit imaginative and high quality schemes for a 1ha waterfront site at Bognor Regis.

A brief by Arun District Council suggests a 150-room hotel to integrate with the existing Regis Centre — specifically shopping, multi-level catering and "visitor attractions".

Newcastle council steps in to save £46m project

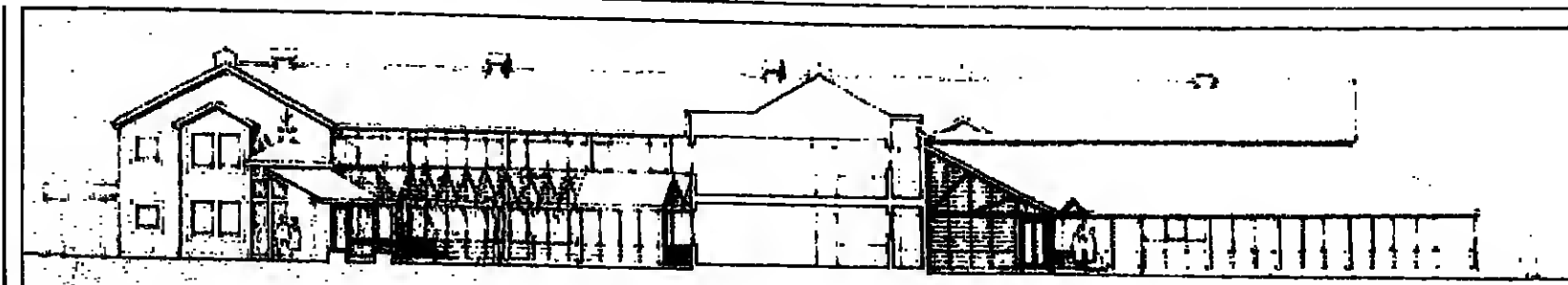
TYNESIDE'S £46 million retail, industrial and leisure centre at Elswick should be starting on site in July, despite one of its two backers pulling out.

Newcastle City Council has saved the 28ha Armstrong Centre proposal by acting as financial backer for developer Dymally Developments after Bims left the partnership.

The project, designed by Holder & Mathias of Cardiff, involves a shopping complex with a supermarket, leisure centre with an 8,500-seat stadium, business and industrial units, workshops, boatyard and riverside village.

Newcastle council, which owns the former Vickers site on the banks of the Tyne, is keen on the development despite possible competition from its own Eldon Square centre and from

News



Top Humberside architect interviewed by police

By Amanda Baillieu

HUMBERSIDE county architect Peter Dale, who was suspended from office last month, has been questioned by police who are investigating allegations over misappropriation of council funds.

The council has refused to comment on Dale's case, but a police statement issued last week said the disciplinary hearing has "been held in abeyance" until the police investigation is over.

A senior police officer from outside the

county has been appointed to head the inquiry.

Dale belongs to the Federated Union of Managerial & Professional Officers, which said it had no idea of the nature of the inquiry.

A spokesman from Fumpo told BD: "We have put the matter in the hands of our

solicitors, who have spent some time talking to Mr Dale."

Dale, a former RIBA councillor, refused to comment.

The architect's department of Humberside County Council is working on a new £6.1 million school, its biggest project to date.

Architect David Thomas said Dale's suspension was "in no way delaying progress on the school", which is due to be completed by August 1988.

Imagination earns prize

Malcolm Lovibond & Associates' imaginative use of space inside and out has won them the RIBA's competition for sheltered housing.

Eight firms were chosen from 66 applicants to submit designs for sheltered housing for 80 old people.

The site is next to a disused Victorian school which is planned for conversion to a day centre.

The winning scheme has been designed on one and two floors to blend in with both the school and surrounding houses. It also harmonises with the scale, texture and colour of the surrounding buildings, which are predominantly stone, stone or tile pitched roofs with cement render of stone walls.

An enclosed south facing courtyard gives protection from strong winds, and covered parking has been designed for hunched drivers.

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Conference diary

PRESSING business sadly took John Finlay of GRM Kennedy & Partners away from last week's RIAS convention before the discussion, writes Lewis Blackwell.

But it was perhaps fortunate for him — had he stayed, he may have found his colleagues on the rooftop less than sympathetic to his practice's brand of building with respect for the past.

Fellow speakers Marc Ellington and Douglas Forrest are locked in battle against a GRM Kennedy scheme for converting a building next to the lovely restored Towie Barclay Castle. As delegates will remember, the restorer is none other than M Ellington. He and Forrest, something of an expert at dealing with Scottish tower houses and their environs, have helped lead a lobby that has managed to persuade councillors to reject the Kennedy scheme for converting the additions, arguing for a more sympathetic design, backed up by Forrest's own scheme.

But I trust that whatever becomes of that little problem, GRM Kennedy's workload continues to flourish. Finlay showed a new "radar station" on Three done by the practice, which I suspect is a good business to be in, given defence spending. Some of us might prefer to describe it as an early warning station for nuclear attack.

GOOD to see Andy MacMillan looking as healthy as ever, after surviving the embarrassment of being rescued while sailing off Long Island (he's been teaching at Yale, you know). However, RIAS secretary Charles McKean, campaigner for the RIAS drawings collection, may wish him less good fortune if he knew that Big Mac's practice, Gillespie Kidd & Coia, managed to lose most of their most treasured drawings in a flood.

RMJM are one of Scotland's finest architectural exporters, one may be inclined to say. So let's have sympathy with the plight of one of their most beleaguered offices — the Libyan outpost, RMJM still have four workers out there (fortunately not in Tripoli), and do not expect to wind down the office before the end of the year.

John Richards, the immediate RIAS past-president and a senior partner in the practice, has himself often visited the country and finds it a fine place. Although he may not care to recall the night he spent in a Libyan cell after being caught taking photographs near the airport.

NOT many supporters of cup-winners Aberdeen know this: esteemed captain Willie Miller has a subscription to *Architectural Review*. He uses it for tips on how his chain of pubs should look.

SDA helps pay for marketing efforts

TWO marketing programmes are being set up under the RIAS to promote its members' services at home and abroad.

The Scottish Development Agency is putting £31,600 into a three-year project to help architects learn how to sell themselves better.

This cash will be used by the RIAS to pay for a marketing officer and secretary, who will then sell their services to RIAS members.

Meanwhile, nine Scottish practices have pledged around £2,000 each to promote themselves overseas, with further

backing from the SDA. The plan came out of a RIAS study last year.

Hands off

RIAS president John Lane has told the RIBA/ABS insurance scheme promoters to keep out of Scotland.

He told the RIAS annual meeting that the two architects' institutes had a "non-aggression pact" on insurance — yet he had seen the RIBA/ABS scheme offering to quote for anybody in the United Kingdom. He warned: "We can look south."

Cash hitch holds up community aid scheme

FUNDING delays are preventing the launch of a Scottish equivalent of the Community Projects Fund, run in England and Wales by the RIBA with DoE backing.

Pinna for taking the scheme north of the border — where many community architecture initiatives started — have been drawn up by the Royal Incorporation of Architects in Scotland.

But firm Government backing is being held back. The RIAS hoped to launch the scheme at its convention in

By Lewis Blackwell

Aberdeen, but president John Lane could only express his frustration.

He told *BD* that the scheme, which would provide funds for community groups to pay for feasibility studies on projects, could be started with as little as £10,000 from Government sources.

"It really is not much — the RIBA gets around £50,000 and it is only right that something similar should be supported in Scotland," he said.

But the RIAS, which would top up Government funds with its own contribution, has found itself pushed around. The Scottish Office has told it to apply to the Scottish Development Agency and the Highland & Islands Development Board.

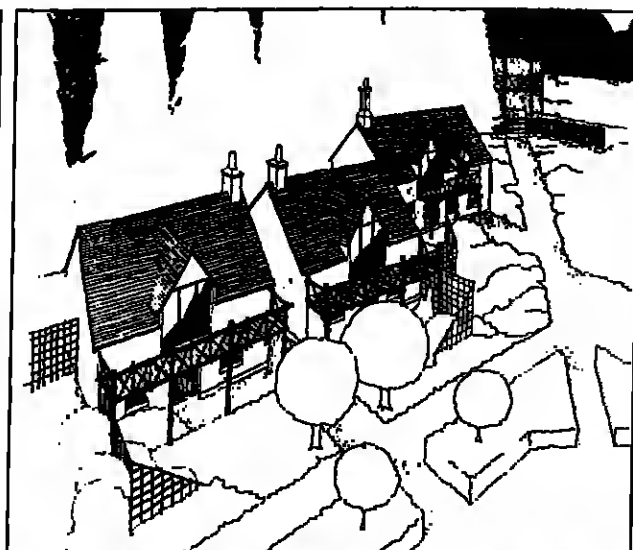
The SDA appeared keen on the idea, but now appears to have put the idea on hold — because of the expense of the Glasgow garden festival, although the SDA has put other money into the RIAS (see this page).

The HDB is standing on the sidelines, planning to take its lead from the SDA.

So the RIAS, led by its community projects convenor Jim Johnston, is continuing to press the Scottish Office for a cash commitment. This would equate with the DoE's direct support for the RIBA-administered Community Projects Fund.

One fear is that the longer the

delay, the less likely it is that the RIAS will be able to get the scheme running in time to spend the money finally provided for it this year, because the incorporation's financial year runs from January to December.



This is L.A. Rolland & Partners' winning design in a limited competition for timeshare homes proposed at Kenmore on the Taymouth Castle estate. The scheme, unveiled at the convention, places around 30 timeshare apartments in the walled hillside garden of the castle, giving all the holiday homes views of Loch Tay.

The design draws on features seen in other buildings of the village — rustic balconies taken from the hotel, trellis work from cottage porches, and high gabled dormer windows also abound in the village.

The client is Elliott Property & Leisure, which owns the castle and its estate. Nicholas Grove-Raines joined the client in selecting the winner from a field of three. Submissions were also made by MWT and Dunbar-Nasmith Partnership.

Architects show thrills on energy

SCOTTISH architects are doing to set up an advisory body for energy efficiency design.

Detailed plans are to be submitted to the Energy Efficiency Office and to the Scottish Development Agency, which are each being asked to put £70,000 into the scheme.

The RIAS will then raise the funds needed to run the scheme, which will be a full-time energy officer who would be available to give advice to subscribers and cost — a detailed energy modelling of the energy implications of a design.

The Building Research Establishment energy conservation office has been involved in drawing up the proposal.

National Gallery progress

THE Venturi, Rauch & Scott Brown scheme for the National Gallery has taken a step forward with the appointment of a project manager.

Robert Leatherbarrow trained as a quantity surveyor in this country before moving to Canada. After returning to Britain in 1984, he worked with Shal International on the Stockley Park project.

Over Arup are structural engineers and joint mechanical engineers with Jaros, Baum & Bolles of the United States; quantity surveyors are Gardiner & Theobald; and quantity surveyors for the mechanical and electrical services are Mott, Green & Wall.

Coleman attacks DoE for 'closed mind' on housing

ALICE Coleman has slammed the DoE for closing its mind to evidence against its "Utopian" ideas on housing.

She has accused the department's housing advisers of taking a long time to realise that its attitudes were "a web of abstract reasoning, completely devoid of scientific testing."

In addition, she claims, these advisers have used "considerable skill in unjustly disparaging" her work.

For instance, Coleman claims her scheme with Westminster council to remove walkways on the Lisson Green Estate has

halved the crime rate there. On Southwark's Ardon Estate, a scheme to enclose single blocks with a wall has allowed families to remove boards from their

By John Morrish

ground-floor windows for the first time in years, she says.

And on the Surrey Lane Estate, Wandsworth, when front gardens were added to blocks, "tenants reported that the children became much more polite and able to communicate with adults."

Coleman, writing in *Town and Country Planning*, disparages the DoE's rivals to her own

"design improvement" strategy. "Security improvement" is frequently "a costly waste of money". "Money improvement" is "increasingly seen to be a temporary palliative".

And after monitoring 17 "restoration improvement" schemes, returning estates to their original condition, she found that vandalism was "two-and-a-half times as rife after improvement as before."

She rejects claims that design improvement is costly, stating that all five of her current trials schemes were cheaper than the alternatives and pointing to potential savings in reduced vandalism, better health and a

reduction in crime. But the DoE claims the Coleman message has now been taken on board.

It points to a speech by junior environment minister George Younger in March, when he commended the creation of a new space and the division of large estates into blocks.

But Younger specifically rejected the thesis that the signs of social breakdown, such as litter, graffiti and vandalism, have a simple causal relationship with design.

He said he would continue to treat design and management together rather than as mutually exclusive approaches.

Architecture festival for Leeds

LEEDS City Council is holding a festival of architecture and music this summer.

The two-week festival, backed by British Rail, will be featuring a variety of musical events in buildings of note, including medieval opera in Kirkstall Abbey and concerts in the 12th century Adel Church.

Leeds festival runs from June 21 to July 5.

Soap wedding

AN architect will be featuring full-time in Channel 4's soap opera "Brookside" after ear-tyranny divorcee Heather Haversham accepted trendy Nick Black's marriage proposal last week. Viewers will be treated to an on-screen wedding in June.

'Value' objections push up the price

GOVERNMENT rejections on the grounds of cost are threatening to push up the price of a housing development in Camden.

The council has applied for project control approval three times for the £7 million scheme to build 186 homes, but has been turned down by the DoE on "value for money" terms.

It lodged a fourth application on April 11, but fears it may not receive a decision before tenders for the work run out on Monday.

The DoE is allowed 20 working days in which to make a decision once it acknowledges receipt. A spokesman said it acknowledged the application on May 2 and would announce a decision on May 19.

Camden claims it has the worst homeless problem in London, with 800 families living in bed and breakfast accommodation. Temporary "prefabs" are used in a bid to alleviate the problem.

It says the homes, which would house 594 people, look set to require re-tendering. The council says the DoE has refused to negotiate or reveal

what costs would be acceptable, and that costs compared favourably with another scheme recently approved in Camden.

The DoE told *BD* that previous applications had been turned down on value for money terms, although successive applications had been for cheaper proposals.

He also said the council did not need approval for the project, although it would not be eligible for housing subsidy without it.

Designed by the council's architects department, the Russell Nurseries will provide a mixture of accommodation for the elderly, disabled and families in a low-rise development in Hampstead.

Forty's history

ADRIAN Forty will talk on "Taylorism and modern architecture: some lessons for the history of design," at the RIBA on Tuesday.

The lecture starts at 6.15. Tickets are £1 for members and students, £2 for non-members. Details, 01-580 5533 (ext 4334).

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Top: Marley & Partners' work on the Trinity Hospice, Fyde, near Blackpool, gained royal approval last week with a visit by Princess Alice, Duchess of Gloucester. The building seeks to avoid the clinic or institutional appearance by having a domestic style, and plenty of natural light. The £1.6m complex for the Wyre Special Nursing Centre is a landscaped setting, with a central courtyard. The emphasis on brick, slate and timber is softened by steel and glass overhangs.

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Proposals at Mansion House, City of London James Stirling, Michael Wilford & Associates

THE triangular site is bounded by Poultry in the north and Queen Victoria Street to the south-east. The site boundary is defined by Site Lane and the former churchyard of St Benet Sherehog. The ground area is almost 33,500sq ft.

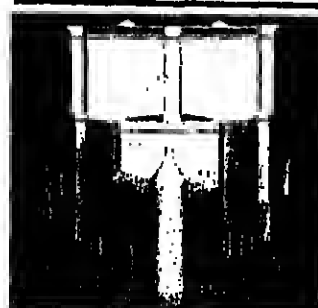
There are eight listed facades on the site, all in a parlous condition and supported by shoring and scaffolding — they date from the latter half of the 19th century.

The narrow street of Bucklersbury crosses the site diagonally from north-west to south-east. The planning criteria for Number 1 Poultry was established in consultation with the council (Peter Palumbo). We intend that these criteria should take into account the exceptional site and its significance for those who live and work in the City of London. Palumbo suggested that the four requirements below (among others) should particularly be met:

- That the new building should be a fine work of architecture, both modern and monumental, thereby relating to historic monumental buildings of the City, particularly those around the Bank Intersection. That the building should be in harmony with its surroundings and enhance the character of the place.
- That the new building should generously accommodate the public amenities — shopping, covered areas, pedestrian routes, connections to the underground, meeting places, etc.
- That it should improve and update the office needs of the City following the so-called "Big Bang" and that a floor to floor height of 15 feet for all office areas should be achieved. That

Double option for City planners

James Stirling, Michael Wilford & Associates explain the thinking behind the two designs for Peter Palumbo presented to the City this week.



Axial view of block, scheme A.

the office floors should have as few columns as possible and have a minimum floor area of 10,000sq ft per level. This specification was arrived at in conjunction with Ove Arup & Partners as necessary for a modern dealing office.

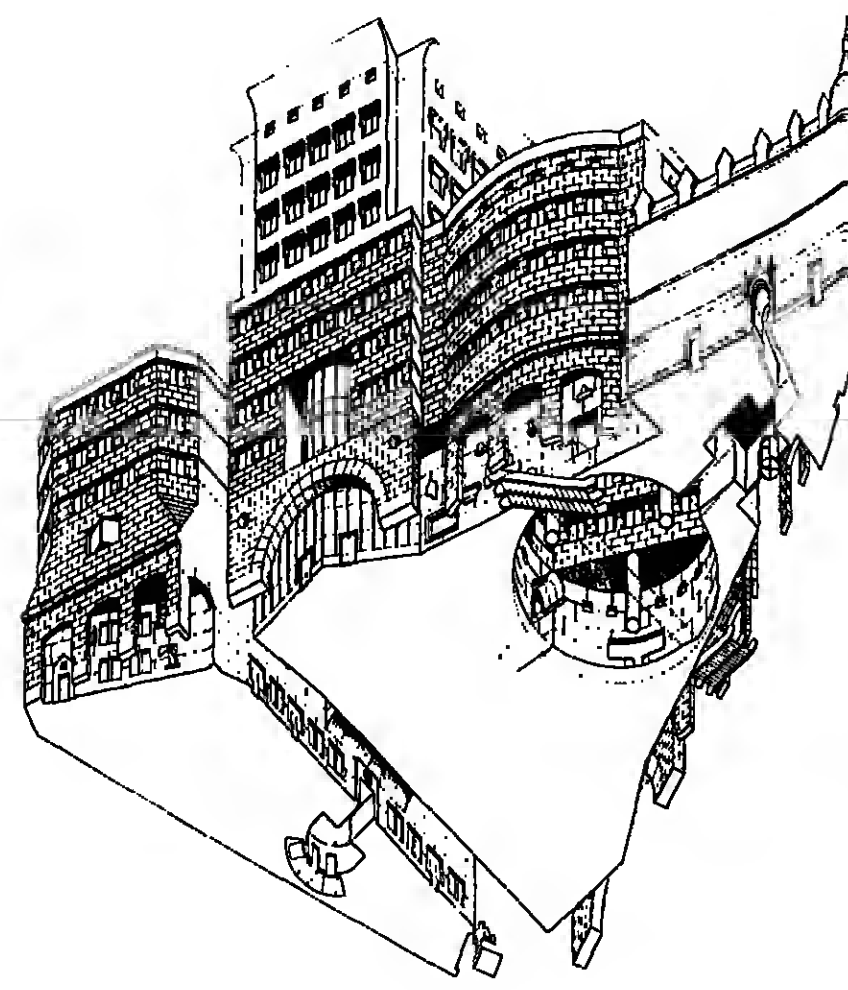
- That the permitted plot ratio for the site be fully realised (about 5:1).

The existing buildings and their facades and the street pattern within the site (Bucklersbury cutting the site in two) is not an appropriate basis for a modern office facility, particularly in regard to the criteria outlined above. The varied levels and inadequate floor heights of existing buildings, and the small floor areas which also are incapable of carrying a modern office building, combined with the insurmountable difficulties of constructing a new building and at the same time supporting crumbling facades (some designated as dangerous structures) makes a scheme based on restoration impracticable. The idea of preserving or replicating existing facades and grafting them onto the side of a larger building would, we believe, create a mismatch, derogatory to the old and inappropriate to the new.

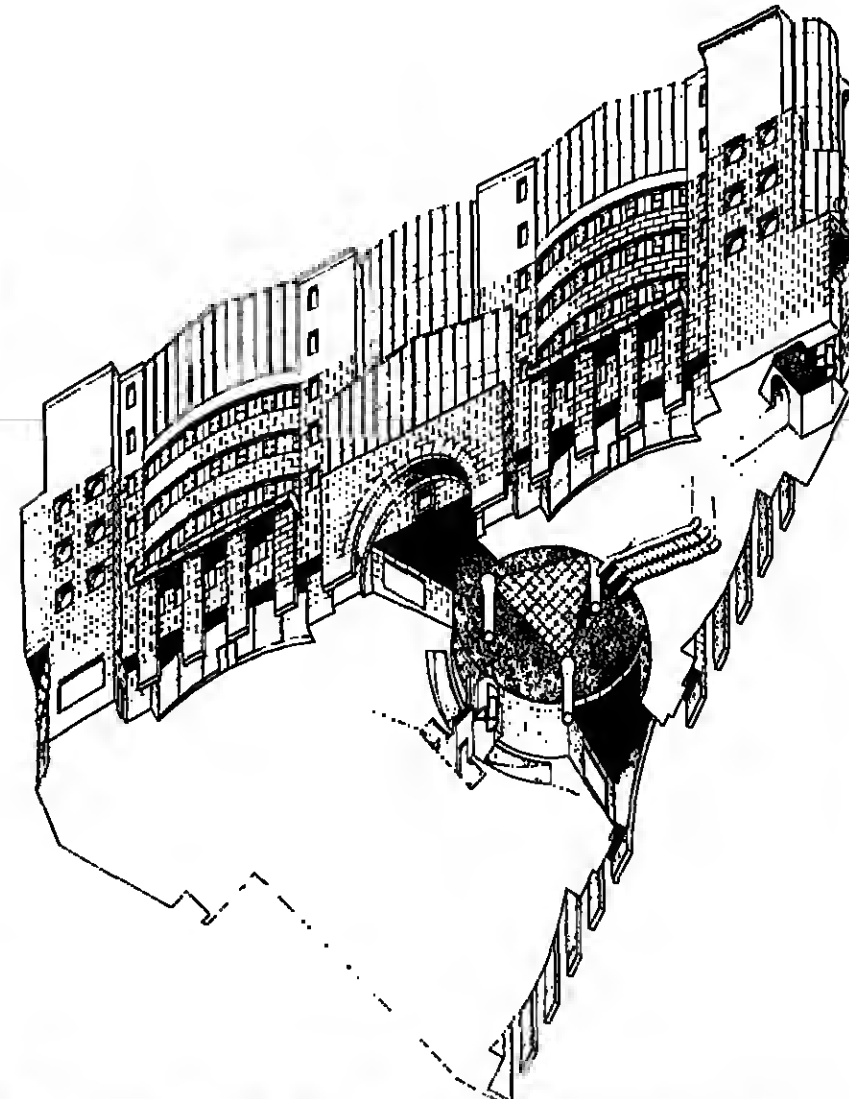
An important aspect of the site, its unique atmosphere — the "hustle and bustle" of people, shopping, eating/drinking, criss-crossing the site and rushing to and from Bank Station will be maintained.

Two schemes have been submitted for planning approval. Both designs produce a similar quality of public amenities and provide similar quantities of accommodation. They should be viewed as alternative possibilities.

Scheme A retains Mappin & Webb, which we and others consider to be the best building on the site. It is an important landmark and architecturally



Up-view axonometric with Bucklersbury Arcade and open private court. Net offices total 134,920sq ft.



Up-view axonometric with public passage top lit through glass floor above. Net offices total 134,340sq ft.

interesting. The lower on the (apex) corner is a familiar identifying feature and a meeting place. The disappearance of this building in particular might be regretted. Scheme A is therefore an up-stepping symmetrical composition which includes and supports Mappin & Webb at the apex — as the frontpiece of a triangular urban solution (there are several apex fronts on triangular sites to be found inland around the Bank Intersection). However, the stepped massing which gives Mappin & Webb a primary role in the architectural ensemble does also, as necessity, terminate in a higher element (152ft) which in a conservation area might be of concern, even though the new building at its highest would be less than the existing Bucklersbury House.

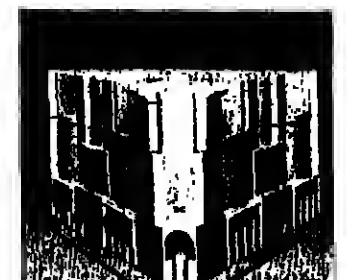
Scheme B is designed (within the requirements of the design criteria) to be as low as possible on the site. In lieu of Mappin & Webb, an entrance is incorporated into the apex of the triangular building and is expressed as a vertical element, an alternative to the Mappin & Webb tower. Like the nearby National Westminster Bank, Mansion House and Royal Exchange buildings, the new building in both schemes will present a symmetrical face to the Bank Intersection.

Although both designs utilise a similar language of architectural elements, we think there are certain features which are not interchangeable. For instance, to retain Mappin & Webb in Scheme B without the supporting composition of Scheme A would, we believe, be unfortunate — a too large old head on a new body. To avoid the bland repetition

aud gross scale of many contemporary office buildings, we have in both schemes de-emphasised the long horizontal stretch on Queen Victoria Street and Poultry by expressing a vertical subdivision of portions of the facade. The total building will appear more as a sequence of adjoining features than a single entity.

Both schemes have shops and colonnades along Poultry and Queen Victoria Street and the basest architectural parts of the massing and facades is at pavement level, alongside public movement into, through and around the building.

As with adjoining buildings, the new building will be surfaced in traditional materials — Portland stone, granite or slate and utucco (articulated masonry joints in the stonework, in lower walls; tight joints in masonry surfaces above). There are also areas of curtain walling that lighten and subdivide the building face.



Axial view of block, scheme B.

The existing exit from Bank Underground Station and the Waterloo/City line emerges into the open and onto the pavement at the apex of Mappin & Webb. This entrance exit is both too narrow and too low, restricting move-

ment of people at peak times. In both schemes A and B the way up from the underground will be greatly improved and the new shopping concourse below pavement level will have escalators rising to street level within and under cover of the colonnades or within a public concourse.

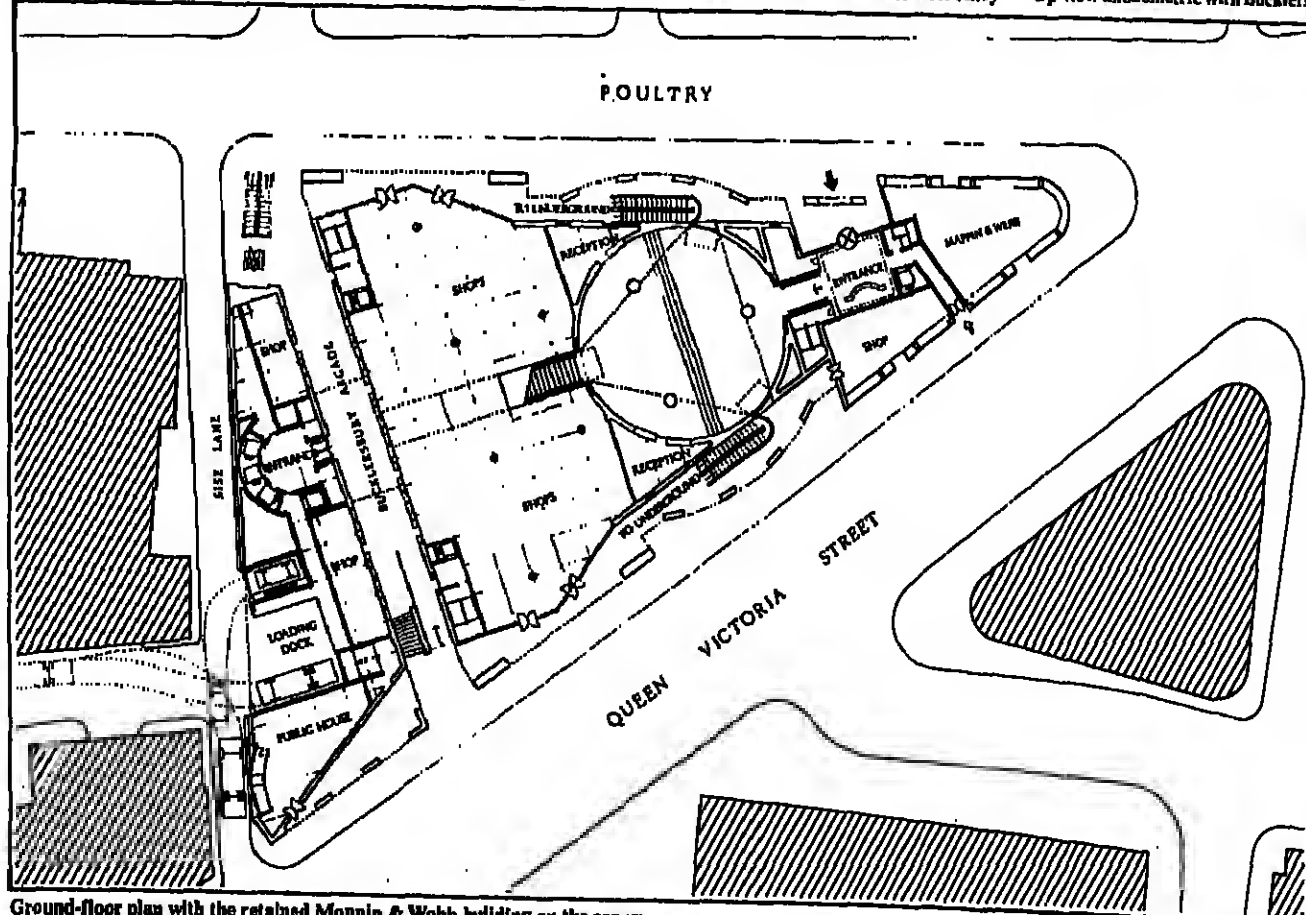
The narrow street of Bucklersbury cuts diagonally across the site. It is much used by pedestrians moving between Cannon Street Station and the City. However, it is frequently blocked with service vehicles and only a few shops consider trading worthwhile. In Scheme A a pedestrian walkway or alley lined with shops replaces Bucklersbury as the short cut across the site. In Scheme B there is a public pass through connecting Poultry and Queen Victoria Street via a central concourse flanked with shop windows.

Our client and ourselves are equally enthusiastic in regard to the design of Scheme A and Scheme B and would be very pleased to build either.

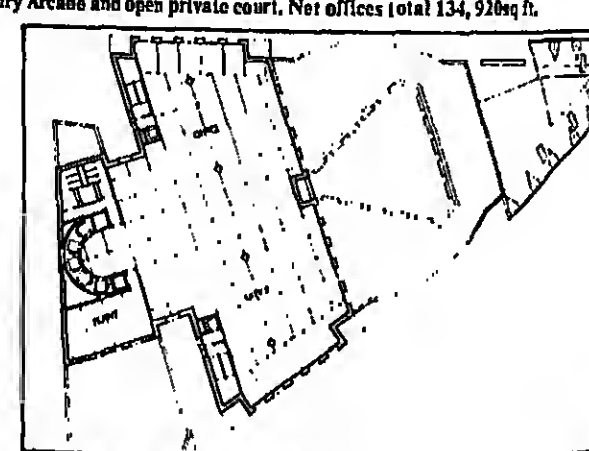
From paragraph 14 of secretary of state's report on the Miles van der Rohe proposal.

Ref paragraph 13 of secretary of state's report: "The secretary of state does not rule out redevelopment of this site. If there is an acceptable proposal for replacing the existing buildings."

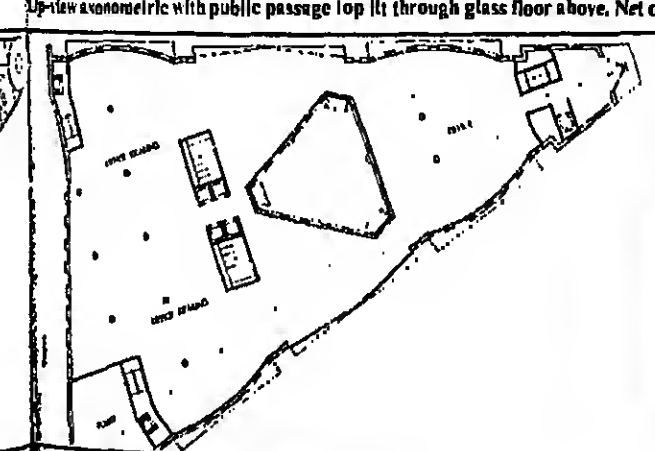
Client: Peter Palumbo. Architects: Stirling, Wilford & Associates, Laurence M Bain, Ulrike Wilke, Felix Duane, Paul Burke, Model-maker: Presentation Unit, Photographer: John Donal, Consultants: Ove Arup & Partners. Quantity surveyors: Monk Duntone Associates. Estate agents: Montagu Evans; Baker Harris Saunders; Hillier Parker Moy & Rowden.



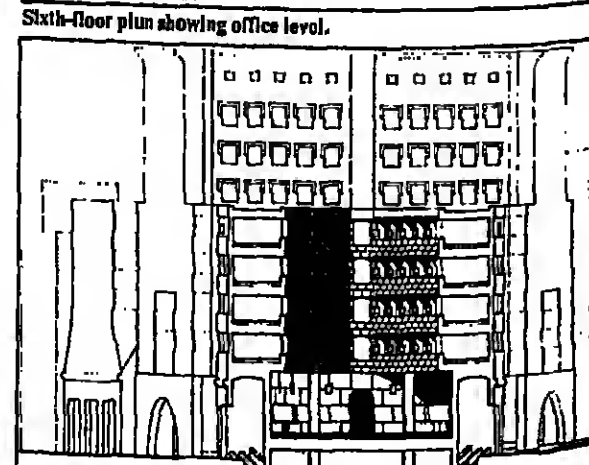
Ground-floor plan with the retained Mappin & Webb building on the corner.



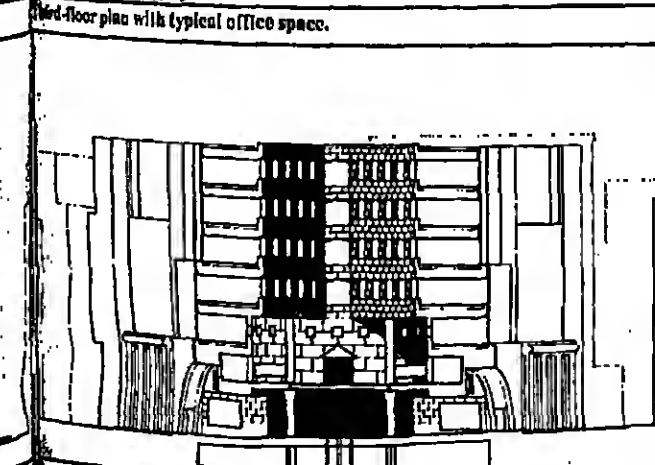
Sixth-floor plan showing office level.



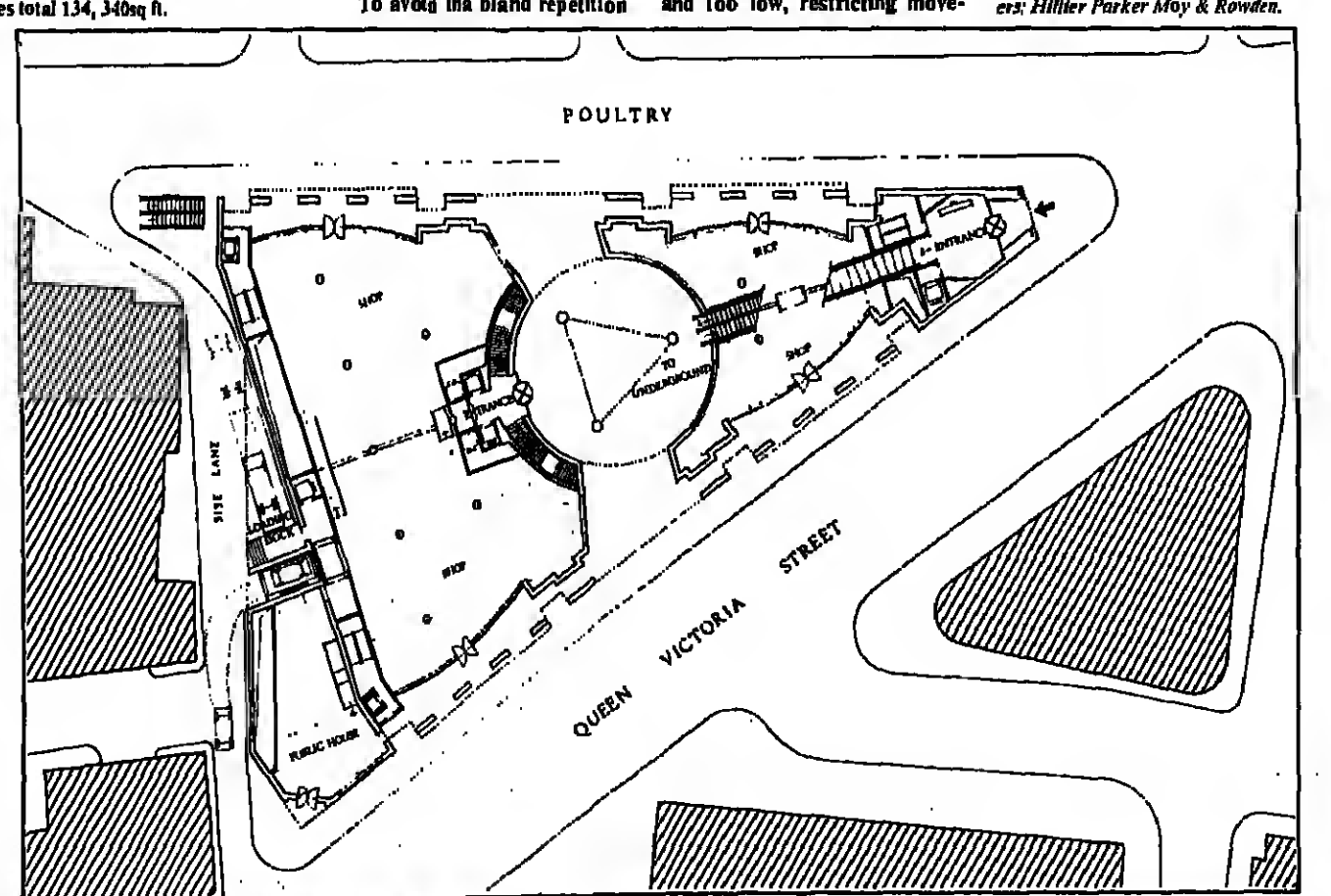
Sixth-floor plan with typical office space.



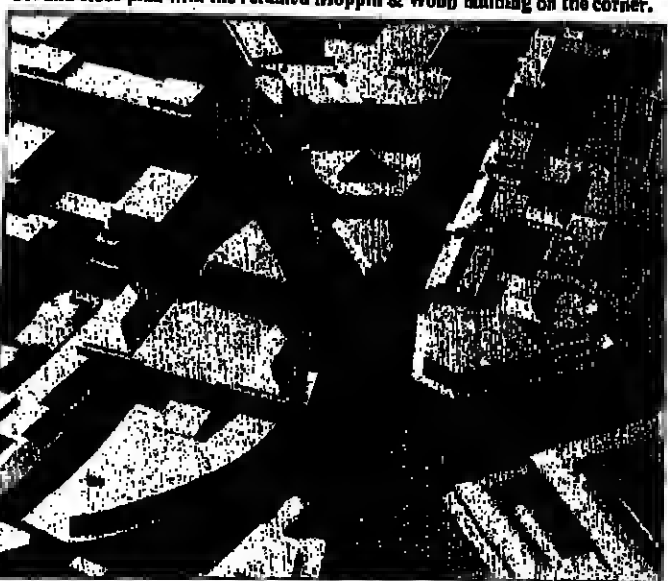
Cross section through court.



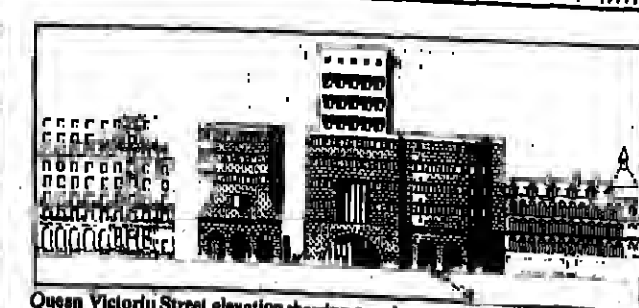
Cross section through court with passage below.



Ground-floor plan. Note access to underground within round.



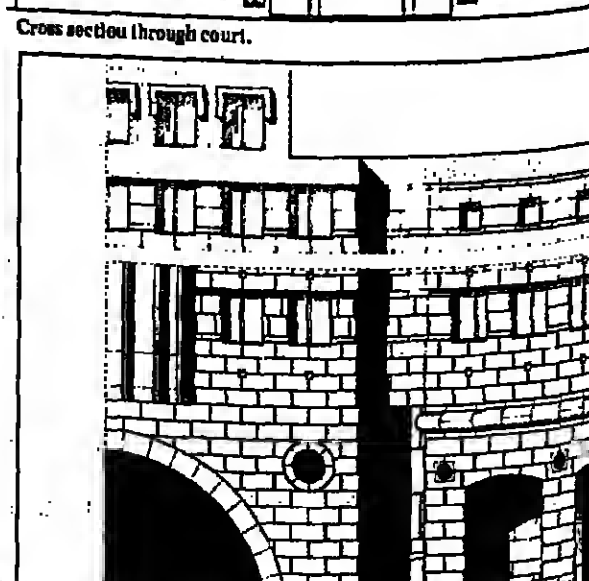
Model view showing proposal in context.



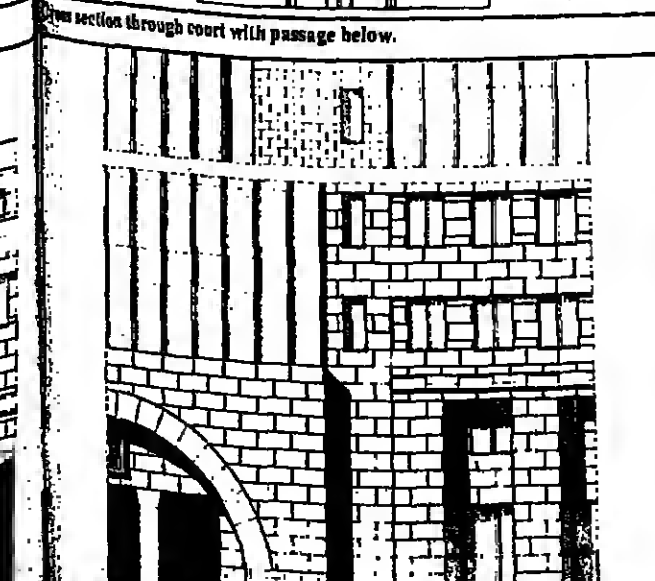
Queen Victoria Street elevation showing arcade entrance.



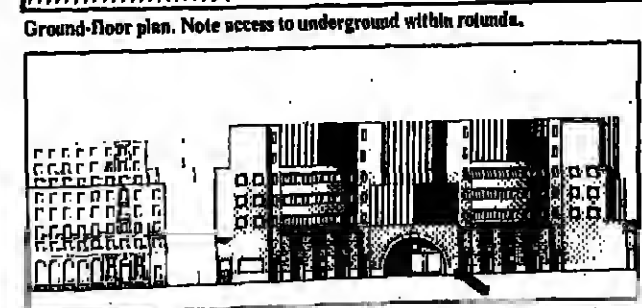
Poultry elevation with arched entrance to public passage.



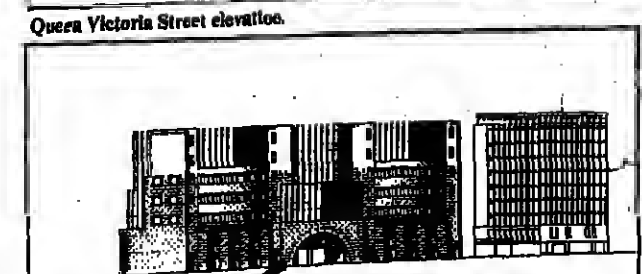
Partial elevation to Queen Victoria Street.



Poultry elevation with small office entrance.



Queen Victoria Street elevation.



Model view showing urban context, facing westwards.

Scheme A

Scheme B

News

VAT singled out as major threat to listed buildings

VAT is one of the greatest threats to listed buildings in this country, says a joint committee of nine amenity groups.

The committee, which represents bodies including the Georgian Group, Civic Trust, Victorian Society, and Society for the Protection of Ancient Buildings, was giving evidence to the environment select committee.

Joint committee chairman and president of the Georgian Group, Jeremy Benson, said the imposition of VAT on repairs of listed buildings made it much more attractive financially to alter or even demolish them.

A report given to the select committee concluded: "To repair faithfully attracts tax, to substitute modern materials for authentic originals is zero-rated."

Benson said the Historic Buildings & Monuments Commission had been badly hit because it had had to take the VAT burden into account when assessing the proportion of any grant aid.

The standard HBMC grant to a private individual was 40 percent of eligible works plus the cost of professional fees and VAT.

This meant Government money was being

provided to the HBMC to meet a Government tax bill.

The joint committee claims this money should go to the hard-pressed building owners, who are still left with 60 per cent of the work to fund.

Benson claimed that the extra 15 percent meant less repair work was being done than the amenity groups wished.

Architect MP Sydney Chapman asked for written evidence to support these claims. He said he would include it in the select committee's final report.

Other recommendations by the amenity groups

concerned the need for a greater awareness of architectural heritage in some national parks, the underfunding of the HBMC.

Secretary of the Ancient Monuments Society, Matthew Saunders, said the commission was being hampered in the continuation of its expansion of its work through the failure to increase its funds in line with inflation.

Lack of money had prevented the launch of a "schedule enhancement programme" and the resurvey of ancient monuments and had prevented any offer of grant aid for the conservation of historic gardens.

Curtain up for giant cinema

PLANS for the largest multi-screen cinema in the world have been unveiled for a central London site by American-based entertainment conglomerate Cannon.

And the early indications are that Westminster planners are favourable.

The £7.5 million scheme for a 17-screen complex, designed by architects Dowling & Harris, is for the Moulin cinema site and the adjoining Hm Yard.

Council sources say that as the new scheme will replace a run-down cinema showing films "of a dubious nature" and replace it with a new family entertainment complex, it is likely to win approval.

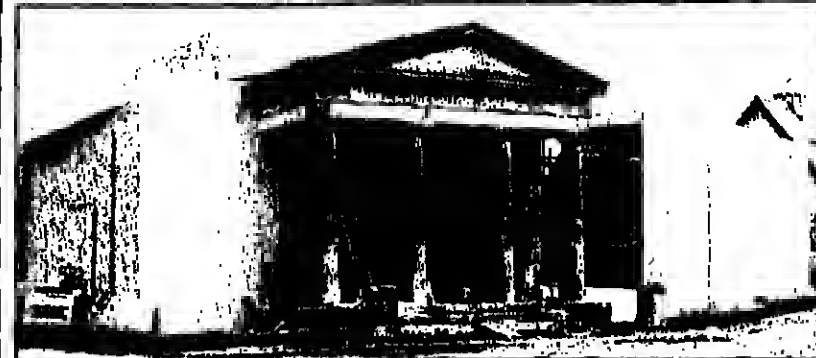
A planning application will go to the council next month.

Standards amended

NEW findings by investigators at the Building Research Establishment have resulted in amended British Standards for the spacing of wall ties in cavity walls.

The BRE has published a review of the findings aimed at architects and structural engineers.

Paper 6/86, *The spacing of wall ties in cavity walls*, by S K Aron, is available from the Publications Sales Office, BRE, Garston, Watford WD2 7JR, price 75 pence (post free, but minimum order £2).



Roman museum nears completion

The new Roman Legionary Museum at Caerleon in Wales is due for completion this month after just over 16 months' work.

Designed by the project office of the Welsh School of Architecture, the building incorporates the portico of the original Victorian Grade II listed museum which had to be demolished.

The £550,850 project will provide 300sq m of gallery space and also includes offices, a library, workshop and storage for recently excavated material.

More urban grants announced

THREE more urban development grants, worth a total of £170,592, have been announced by the DoE.

A small housing scheme at Keats Avenue, Sunderland, that includes the conversion of three single-storey cottages, has got £14,007. A derelict mill at Ouseley, Wakefield, will receive £12,000 towards refurbishment and conversion into offices.

And former factory premises at Torrington Avenue, Coventry, will get £14,077 for conversion into eight industrial and warehousing units.

The DoE says the UDG programme has created 20,000 jobs, 4,165 homes and pumped £387 million of private-sector investment to England's most deprived inner city areas.

Redesign forced

MWT Architects are redesigning a £15 million town centre scheme after failing to obtain permission to demolish a Grade II listed chapel.

West Wiltshire council granted planning permission for the development in Trowbridge in January, but the DoE decided to call in the plans after pressure from several conservation groups.

Bredero to go public

BREDERO, the Dutch developer which won the battle for a £90 million office project in Hammaramith, has announced plans to "go public".

Bredero is now planning to build high quality housing, as well as more shopping centres and offices. The company is best known for its Ashley Court shopping scheme in Epsom, Surrey, where its UK operation is based.

Trade grows

LATEST trade figures from the Federation of Master Builders show a small improvement which is expected to be continued during the summer.

But the Building Employers' Confederation claims that prospects are declining, with less than half of the firms surveyed expecting to raise their 1986 workload above the level of 1985.

Landscapers urged: do more to promote yourselves

LANDSCAPE organisations have urged to join to promote a better environment.

Janet Jack, landscape architect with Building Design Partnership, told a joint meeting of the British Association of Landscape Industries and the Landscape Institute last week

that the groups should be promoting themselves during this time of "great public interest" in the environment.

Projects like the Channel Tunnel, coastal oil and gas developments and government reclamation plans all needed extensive landscaping proposals.

Infill



Starting Price

Commission takes a new meaning

DEAR boy, it is with consummate delight that I announce to you that despite the confusion I am confronted here — the epitome of "the least a nation of pure philosophers" — I have established a school of design of all things important. Namely, High Streets and London. I'm moved by it all and moving — at last. Bless you.

NSJS, Carlton House Terrace.

What a revelation, I feel, that despite the inevitable visual confusion you will cause, just as the Civic Trust was running free, this major culture-block on your thinking is just what is needed — watch out for Sherban C, for he both thinks and knows too much! Here at the office we welcome this further "thorn in our side" in the completion of the South Bank proposals, for realising that coming from you it can only be eternally good for us. I wonder whether in your modesty you realise that you are in fact creating the perfect School of Architecture — for here you are proposing both the methods and materials for the trainee architect to assimilate them assemblage for the delectation of the ultimate arbiter (yourself) and, oh yes, of course, your fellow Commissioners. But no worry, they'll follow you — they're short of time. Finally may I humbly suggest that you expunge from all the memory of that democratic aberration of yours in 1979 — namely, the establishment of Parliamentary Select Committees.

Terminal gasper

WELL, Ced, what do you think of my new Terminal 4? Bit of a change from all those temporary yellow scaffolded shelters you used to pretend to like — eh? Getting mullin', NJP, Gatwick.

Finally, I rather like the grey, pink and coagulated blood coloured decor and lack of illuminated adverts that have loused up Grand Central Station concourse — but it's early days. Secondly, the air-conditioning really does seem to work. But I address you as a mentor of fashion — people will feel flattered to be allowed to skulk below and around the back-edges of pipes, ducts and flexible bits! One little thing puzzles me. Why ash-trays at the departure level and none on the arrivals where, if everything is working as planned, people are more likely to linger, aren't they?

Worldly powers

AS one responsible, amongst other things, for Construction and Landscape, I trust you will be first to congratulate myself, the Hon Willy and our Boss Ken,

on our comprehensive concern for all things ranging from Chaffinch to Chemo! J.P. (author and MP), Marsham Street.

Condolences rather than Congrats, I fear. Schizophrenia must be a real risk for you chaps in this brief period, when a major UK steel firm announces a new system of steel-framed farm buildings for "self-assembly" with ease by farm labour... for general purposes" and with "all frames prepared for future extensions". You talk of introducing regular planning controls for all farm buildings, while with your third personality enable up to a 25 per cent grant to be made to those changing radically the use of our beloved tythe barns for "local employment advantage". So who encourages change, who refuses it and who turns a blind eye to it?

Railroad dilemma

HEY, I'm still a bit doubtful about the ability of our Britishers to get my railway link at Canary Wharf right. Heck, I've just read about the Thames Barrier going freak — I can't afford such a boo-boo. Yours, GWT.

Good gracious Gint, I thought you were counting on something going wrong with the rail link as an easy way to bow out of the whole thing! Perhaps you should have a long hard look at the re-vamped Chicago loop — your architects know it.

Crustacean consolation

AS one of the Clan, I keep a weather-eye open on your movements — indeed I'm told it's part of my job — and I wonder what you were up to in Chicago and NYC last week? Did you manage to make Kansas City? Diplomatically, CP.

Grosvenor Square

Typically generous of you, Chuck, to enable me to share my overseas observations with a wider audience. Well now, I found sad, cheerful animals, and in the latter fine plants and unnecessarily straight-jacketed in their neo-Victorian pavilions. The current rebuilding of Central Park Zoo, surely the gloomiest sight but lots of Architecture — but it's early days. What was extremely uplifting was the superb collection of telecommunication gadgets rapidly encrusting the two masts of both the Hancock and Sears buildings, creating far more ethereal fun than the conventional cranes and heli-pads. And talking of crustaceans, over there it is the season of the soft-shell crab — one of the great delights for us endangered carnivores.

Chicago newflash: "The projected Chicago World's Fair has been put off for some time — and may not be put back."

— Studs Terkel.

Cedric Price

Mansion House revisited

IT IS difficult to think of Peter Palumbo's new scheme for the City of London as something other than another version of Mansion House Square — a phrase which has almost passed into the language as a shorthand way of describing bitter design controversy, long-winded planning processes, and the difficulties facing any patron of modern architecture in Britain today. There really is that the new proposals by James Stirling, Michael Wilford & Associates, officially for a building known as No 1 Poultry, have little or nothing to do with the designs of Palumbo's first architect for the site, Miles van der Rohe. There is no square any more; that element of the old proposal most loved by supporters such as Sir John Summerson has been the first casualty of the planning war. There is no tower; Stirling and Palumbo have scrupulously avoided any suggestion that either of the proposed designs will dominate their surroundings. In terms of height the version without the Mappin & Webb building is positively self-effacing

(while disproving the frequently stated contention by conservationists that modern architects are incapable of turning a corner elegantly).

This is the third recent scheme by Stirling's practice which is largely symmetrical, the others being the designs for Latina in Italy and for the National Gallery extension. The symmetry they thankfully eschew is the symmetry found in neighbouring Bucklersbury House with its dread "office shoddy" image. As to detail, Stirling is not offering identical 19th century patterns but two distinctive buildings, broken up in terms of form and access, producing a genuinely new contribution to the City scene. Will this be enough to convince the City that Palumbo should get a clear run? We can only hope so, for there seem to be ever-present dangers associated with the development of any new worthy site — dangers for the developers and architects that is — that someone will start muttering about preservation of every crumbling brick and rotting timber

The Editor's Comment

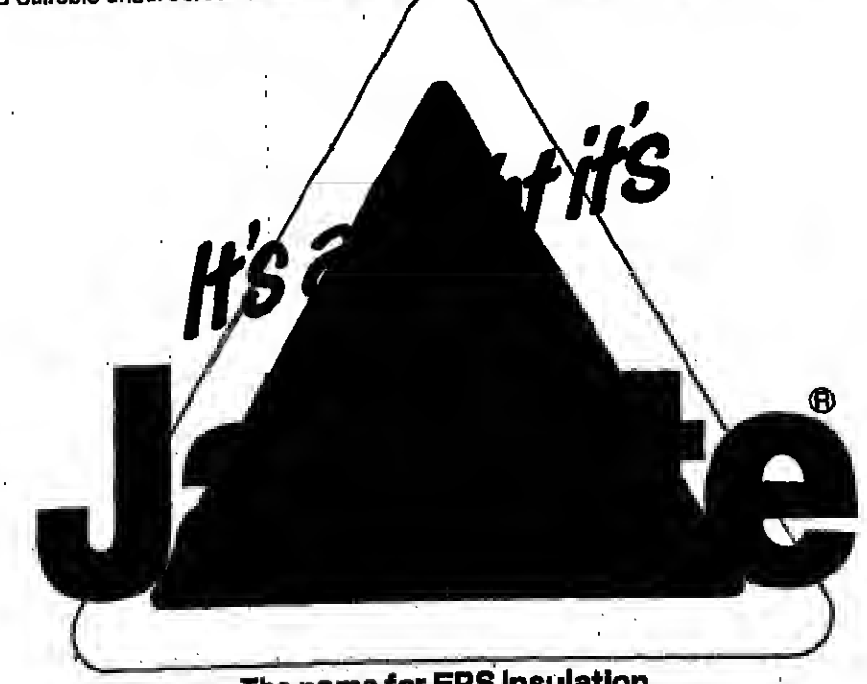


already on the site, or "reconstruction". Happily, the Royal Fine Art Commission has supported both proposals, cheekily mentioning that if it had to choose, it would plump for the one retaining Mappin & Webb. It doesn't have to choose; no doubt, however, the opinion may nudge City Corporation members to what the commission sees as the right direction. For its part, the City has the opportunity to atone for a wrong done to one of its staunchest citizens by welcoming the Stirling designs and speeding the creation of a new asset for the financial heart of the country. And if the City is happy, the Government should not intervene for a second time. The criticisms in the last inquiry decision have been accounted for. It is now time to build.

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Reading into the figures

From David Rock of Rock Townsend

LIKE Malcolm Nickolls (Letters May 2) and, I know, many others, I found the "BD 100" list of firms fascinating and instructive in the several messages that could be read into the figures and their relationships.

Obviously, the messages can only be generalised ones, but they are still relevant, and the BD survey is a useful start, and guide. What a pity that many important firms did not bother to reply, or were not sufficiently organised to do so, or were secretive about their statistics.

Nevertheless, even allowing for the generalised nature of the questionnaire and the resultant statistics, they easily can be misread. Nickolls, as I suspect, did others, has done this in relating the 1985 fee income figures directly to the staff numbers given. Other factors must be taken into account. Chief of these is the percentage growth in staff numbers during 1985, not shown in the survey figures; the average numbers over the year should be taken, not 1985 figures, nor, of course, as you pointed out in your footnote to Nickolls' letter, the February 1986 figures.

There also is the fact that there is a time-lag between growth and the resultant fee income. However, a rough analysis of the figures is still useful, and can be taken as follows.

As the percentage increase in fee income between 1984 and 1985, in the majority of firms, was remarkably high (on average 30 per cent among the 64 firms which supplied figures),

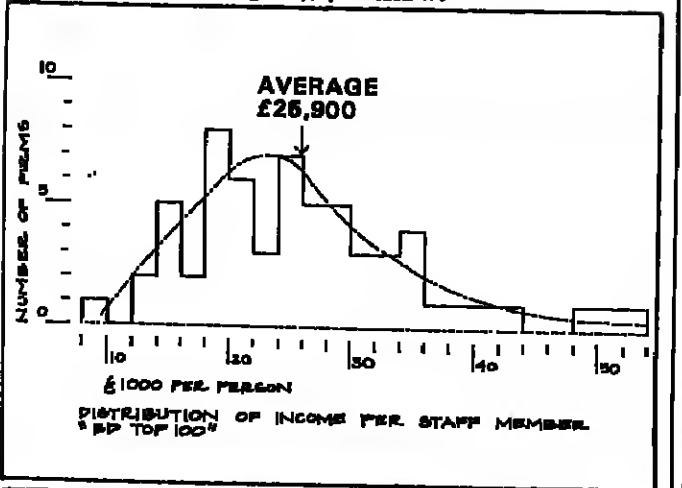
presumably staff numbers were equally volatile.

If the percentage increases in fee and staff numbers were similar; and if the rate of increase in staff numbers throughout the year were regular (so that a true average could be taken); and if the "fee income in 1985" question were taken by firms as meaning during the calendar year (rather than the 1985 financial accounts year); the level of fee income per staff member can be shown on a graph. This, prepared by Ian Hogan Associates, one of the firms with whom Rock Townsend are associated, shows the bulk of the firms around the £14,000 to £16,000 mark. The graph gives a higher average — actually £25,910 — than Nickolls' analysis, although this is still much too low for the profession's financial health, of course.

Incidentally, at about £23,000, Rock Townsend's figure was close to that of my old firm, BDP, which is comforting, considering their management expertise. Except that, obviously, both firms are nothing like as profitable as they ought to be!

A final word. How badly the profession needs another "The Architect and his Office", that marvellously instructive, deep, management analysis organised by the RIBA in the early 60s. In its absence, even small comparative tables, such as the "BD 100", are useful. I hope that you intend to expand the initiative into other comparative surveys.

David Rock
London W1



Working from home

From Max Newfield, chairman, Charlotte Street Association

REFER to your somewhat intemperate attack on Camden, for enforcing the planning regulations (May 2).

While the law allows individuals to work from their home, providing this is genuinely incidental to the residential use of the property, the regulations do not allow people to employ staff and turn parts of their homes into offices.

Clearly, the effect of so doing diminishes the available stock of housing accommodation and further drives up property prices to even less affordable levels. It is after all a proper function of the planning process to try to retain a balance between different uses and to protect less profitable uses, such as residential, from the commercial pressures for office use.

Camden recently prepared a local area plan for this part of the borough (Fitzrovia) and it is not worthy that at all the consultation meetings held, local people pressed for more rigorous enforcement against unauthorised changes of use from residential to offices.

Last it is thought that the enforcement of planning law is some doctrinaire whim of Camden's, Westminster — the other planning authority in this area — also accords a high priority to enforcement against unauthorised changes of use of residential property. Unfortunately, in the view of this association, neither Camden nor Westminster are sufficiently rigorous in implementing their policies against this socially irresponsible practice.

Max Newfield
London W1

A waste of space

From John Fidler, conservation officer for Buildings at RIBA, English Heritage

WHILE not wishing to get involved in the political and procedural wrangles of Keith Roberts and Camden planning department, the last paragraph of your editorial (May 2) brought in the wider question of

underuse of property — which is directly my concern.

I estimate that at least 46,000 listed buildings are out of use (not redundant), underused, neglected and decaying in England. Other colleagues here are certain that more than 50 per cent of all upper floors in historic high streets are also empty — a scandalous waste of usable space and a blight upon the irreplaceable built heritage.

That these so-called "redundant" buildings and their preservation are said by past presidents of the RIBA to hinder new construction and design is a nonsense. Historic buildings make up less than 5 per cent of the total building stock of the country. That means they are statistically insignificant so far as new development is concerned — yet at the same time highly valuable as a renewable cultural resource.

As you say, there are many examples of adaptive re-use of existing space (more than 40 per cent of all construction work these days is refurbishment). This is not an aesthetic fashion or a conservationist's fad, but a sensible way to manage the environment. Minds at English Heritage have already been set, as you suggest, to bring underused and out-of-use historic spaces back to life — not just for their own sake but for social and economic reasons too.

John Fidler
London W1

Right place for Drawings

From John Wells-Thorpe, honorary librarian, British Architectural Library

TWO recent letters (from Margaret Richardson, April 25, and Richard Fellows, May 2) regarding the Drawings Collection deserve comment.

As a former member of RIBA Library staff working in the Drawings Collection, Richardson's observations are obviously sincere and no doubt represent the views of some of her colleagues. Unfortunately, these views are not shared by the membership, whose Council unanimously rescinded their wish to restore the Drawings Collection to its original and rightful home in Portland Place. The Drawings Collection has for too long been a minority interest, exacerbated by its geographical remoteness from the heavily used RIBA building, and its return there is long overdue. So far as expansion space is concerned, any collection has to contemplate out-

housing, and indefinite expansion space is a totally unrealistic objective, as is the notion of "over the counter" accessibility for any drawing at any time.

Following letter is printed under the title "The jewel in the RIBA's crown", and this underlines the present problem very succinctly. Because it enjoys that status its rightful and timely reinstatement at the RIBA is all the more necessary, and it is highly desirable that what is, after all, the members' own collection should be enjoyed by the vast number of people using 56 Portland Place, and not just a minority of experts elsewhere.

John Wells-Thorpe
London W1

Anson on Divis Flats

From Alex McGregor, Brian Anson's essay "Punishment block" (May 9) devoted to the scandal of the Divis Flats, Belfast, was very revealing, more for what it omitted to say than for what it did. It was also well placed to show a purple prose in which journalistic licence surely took over.

I was much struck by Anson's introductory paragraph, in which he describes how he was kept in the middle of the road for half an hour by a dozen policemen. Interestingly, this is the same ground of complaint as was the basis of Arthur Scargill's recent unsuccessful action against the West Yorkshire Police, with the exception of course, that the Belfast police were armed with machine guns.

Anson wrote to mention that since 1969 more than 200 RUC officers have been murdered, perhaps justification for being heavily armed at dead of night and suspicious of all vehicles containing strangers?

Anson protested that his companions were elected members of the community, which is one way of describing Gerry Adams, MP, elected as Sinn Féin candidate, Sinn Féin being the political wing of the IRA. As such, Adams' coming and goings are bound to be of great interest to the RUC, as are those consorting with him.

But Anson knows all this, for he is out an innocent abroad, having been active in Republican politics for a considerable time: in 1980 Anson wrote a long letter to *The Times* in support of the "Troops Out!" movement, while chairman of the Schools of Architecture Council. It was disquiet with the politicisation of SAC that led to his demise.

Anson's essay on the Divis Flats should be seen for what it is, a vehicle for anti-British propaganda packed as architectural comment. Inter alia, Anson refers to the punitive "Payment of Debt Act" (Northern Ireland) under which rent is deducted from social security money at source. This seems an excellent idea. After all, if people are paid a rent allowance, what objection can there be for it being taken for rent? It seems entirely logical. In Glasgow there are currently 29 million rent arrears, with 39 per cent of council tenants in arrears. A UK "Payment of Debt" Act would go a long way to clearing this debt and relieving owner-occupiers and commercial ratepayers of the burden of financing "punitive" bad debts.

Alex McGregor
Glasgow W2

Back to the terraces

From Peter Hutchinson, THERE could hardly be a more inappropriate time than the present for demonstrating energy efficient houses and building them in the detached mode like trying to build an economical aircraft and designing it in concrete.

If figures in the RIBA *London Regional Yearbook* for 1981 are correct, a terrace configuration would save more than 60 per cent of energy at a stroke. By their campaign for the Conservatives, Satchi & Satchi have shown they care about anything and they should be set to work promoting the notion that living in a terrace house is the status thing to do. While they are about it, they could take out that sacred, monstrous cow, the semi-detached house, as well.

Peter Hutchinson
London SW15

Entrants' weakness

From Patrick O'Keefe, AS a non-competitor, but one always interested in architectural competitions and their results, I feel that I can comment without bias on the result of the Grand Buildings scheme. The less said about the winning

"design" the better, but almost all the other entries illustrate appear to show one similar weakness. That is in the "usage" of the rather acute angle between the two main streets.

In almost every instance the architects have allowed the building to creep around the corner. In our younger days, sure we were all taught not to do that; it was very weak and did not define the corner. The principle was that the building should in some way announce that it was going to turn (by use of the elevations or in some other way) before starting to turn. Having thus set, the building could cross the corner at an angle, and avoid the black-magic effect of the soft curves, which end nowhere.

Another important point, it seems to me, is the lack of any new direct pedestrian link from the building onto Trafalgar Square, preferably by overhead walkways. What a boon that would have been to visitors to the traffic-throated square.

Patrick O'Keefe
Tenterden Kent

Yet another Roger Smith

From Roger Smith, THE letter from R. Gordon Smith (May 2) concerning the true identity of Roger Smith causes me some difficulty.

I qualified as an architect in 1977 and my name is Roger Smith.

I learnt at an early age not to be possessive about the name and I am surprised that there are only three Roger Smiths in the 1985 RIBA *Members Handbook*. The name does have the advantage that it never needs to be repeated or spell out sordidly strange that Roger Gordon Smith should want to use the surname Gordon Smith and not just Smith. If this is the case he should join the "G" section of the directory and thin out the Smiths.

Roger Smith
Glasgow Darbyshire

Jiricna abroad

From Eva Jiricna, IT was very interesting to read your little note about my fascinating jobs abroad (Scorpio May 2). I do not know where your information came from, but let me tell you there is very little truth in it. Perhaps you know more than I do, and if that is the case you might like to share it with me. Would you mind?

Eva Jiricna
London

Scorpio stands corrected—BJ

Scene and heard

● BUILDERS are likely to fall prey to the great Takeover Boom, under way in the City. Stockbrokers are predicting the Japs will arrive with low-interest yen. Kumagai-Gumi is after Barrut, it's said, and possibly a 49.7 per cent share in Wimpey, which the German company Hochtief is also interested in acquiring. Somehow the industry will never seem quite the same if speculation turns into reality.

● BRITISH consultants and contractors are seriously worried about the fall-out from the Libyan bombing raids, as the 21 members of the Arab League have condemned our role in acting as an aircraft carrier for our American allies. Six per cent of all our exports go to the Middle East and each percentage point knocked off that will result in 100,000 jobs in the construction industry seen certain to take a tumble this year.

● THE Government's muted support for next year's UN-sponsored International Year of Shelter for the Homeless — UK chairman is the former Law Lord and inner-city expert, Lord Scarman — is being justified by ministers on the grounds that there is no homeless problem in this country. The simple arithmetic of more empty dwellings than people on housing waiting lists is the excuse offered, which will no doubt cheer up those 150,000 living out of prams (literally) in several of our blighted areas.

Another lame excuse proffered for not investing more public cash in infrastructure is that the labour supply market is already "over-heating". This is difficult to tally with the industry's own assessment that 300,000 construction workers are presently on the dole.

● GREAT photographers think alike; or do they? Cover of last week's *Building* shows fashionable architect Terry Farrell — he's picked up £200m worth of work in the past few months — on the roof of what appears to be London Weekend Television's box, collar turned up on his heavy winter coat, staring straight out of the right-hand side of the picture.

May's *Blueprint* shows him, similarly attired, looking straight out of the left-hand side of that issue's cover. Take a bow Patrick Shanahan and David Banks.

● SURVEYORS, valuers and estate agents, Fletcher King, have just published an investment survey for 1986, which concludes that "quality of design will continue to be important and higher financial returns will result".

Putting their money where their mouth is, they commissioned Christopher Bond, an RCA graduate and first winner of the firm's own prize for excellence in photography, to illustrate their report.

Scorpio

Palumbo makes his City comeback

AFTER the disappointments of the Mansion House Square inquiry, a less resilient personality than Peter Palumbo might have given it all up and gone off to live in his Mies house outside Chicago.

Happily, his commitment to first-class architecture in the City of London has survived the traumas covering two decades of attempts to build his Mies tower, and the James Stirling designs are published this week.

This is not the only good news associated with Palumbo, however. A rapprochement has clearly taken place with Prince Charles, whose damning remarks about the Mies scheme, delivered at the RIBA's Hampton Court gala evening in 1984, boosted the proposal into national prominence.

There was never any personal animosity between the two, but last week saw an occasion which looked as though Charles was, in a discreet way, making amends. For at the Westminster Abbey memorial service for Sir Huw Wheldon, Prince Charles was represented by none other than Peter Palumbo (Sir Huw was a supporter of the Mansion House scheme and made a promotional documentary about it).

More good news is on the way for Palumbo which may also help offset his recent disappointments — he is to become an honorary fellow of the RIBA.

Signing on at Limehouse

LIMEHOUSE Development Group objects to the Selfridge-Hunting Gate plan for Limehouse Basin are rejoicing over the signatories to their petition, to be published later this month.

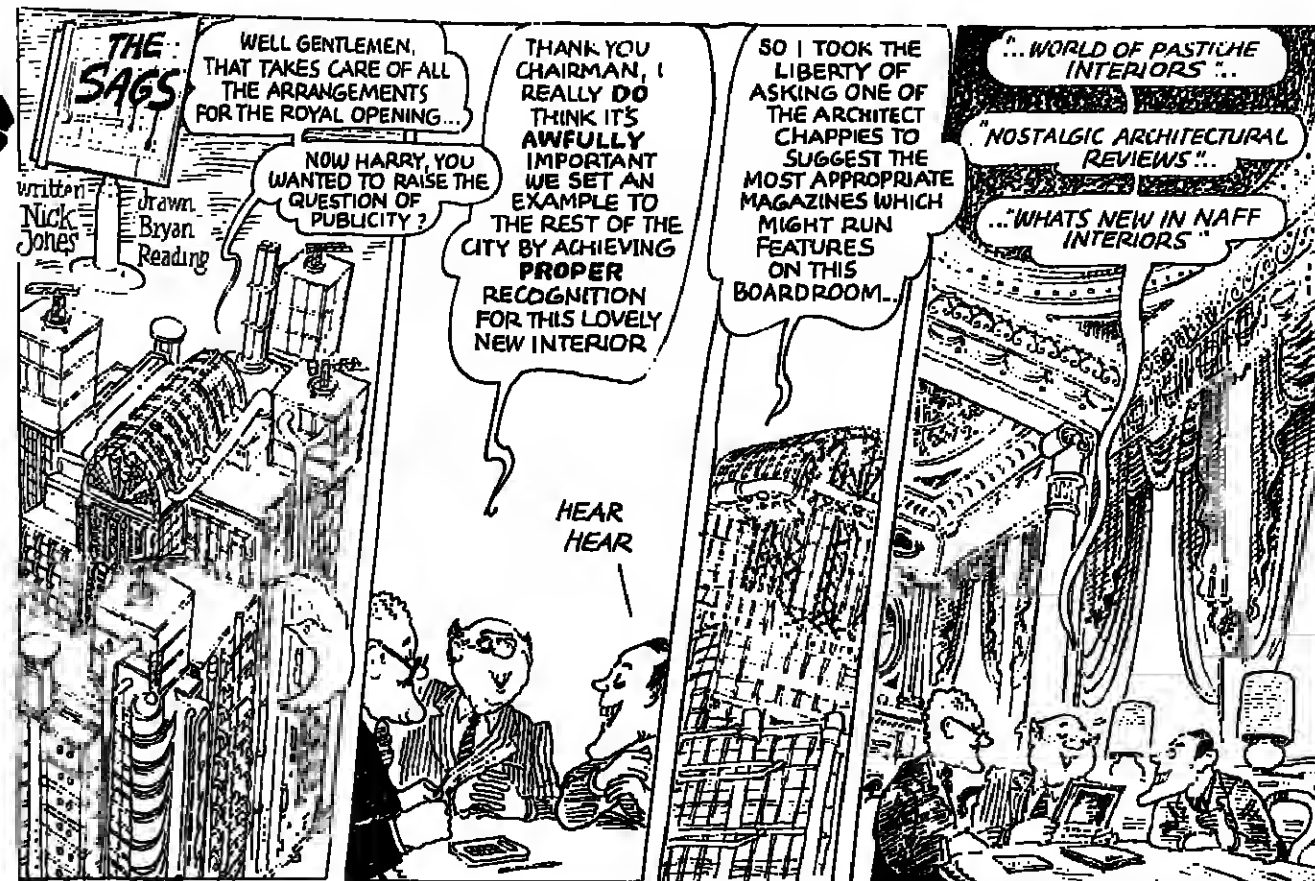
Following Dr David Owen, a Limehouse resident in nearby Narrow Street, Lord Kennet, chairman of the Architecture Club, David Atwell, RIBA director of public affairs and Nick Falk of Urban and Economic Development (Urbed) have also lent their names.

Even the chairman of the Inland Waterways Association, who spoke at the public inquiry broadly in support of the mammoth redevelopment, has now declared his allegiance to the community group.

One name that's missing, however, is that of RIBA president Larry Rolland, which has prompted Richard MacCormac to write him about his responsibilities on behalf of the profession.

10 years ago

A WARNING of redundancies and the break-up of experienced teams of quantity surveyors has come from the RICS this week. In a paper to the Construction Industry Liaison Group, the institution gives its support to the "moving shell" of work concept, backed by the RIBA, to counteract the effects of lack of construction orders. *Building Design*, May 14, 1976.



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BUCKING THE TREND

Tim Ostler begins our assessment of public sector architects with a look at Buckinghamshire. Next week: Leeds



Chiu Ng, M Abidi, Paul Markcrow, Roger Ileyne, Haden Gowman, John Stewart, B T Lall, Tony Parker, Sue Stewart.

THERE can be few counties more conservative than Buckinghamshire: it is, after all, the home of the University of Buckingham, Britain's first private sector university, and the darling of our present prime minister. Equally, the belts of stockbrokers from Amersham to Beaconsfield have had little need to tighten during these years of recession.

Buckinghamshire is, thanks largely to the presence within its boundaries of Milton Keynes, also Britain's fastest-growing county. Because of this regional imbalance, however, it has to design for age patterns very different in the north from the south. In the north, the young population has necessitated — until quite recently — a continuing supply of new schools. Towards the south lie older, richer communities in their dor-

mitories — still to this day in full possession of their grammar schools. At one time, these schools suffered something of a planning blight — that was, until there came to power a government more sympathetic to the area's independent educational policy.

Operating from the top three floors of the only office block in Aylesbury, the county architect's department is today charged with accommodating a boom in business studies and catering. Other significant factors in its workload are magistrates' courts and fire stations — not forgetting the jobs flowing from county architect Paul Markcrow's position as architect for Thames Valley Police. But, like most county architects' departments, its chief concern is the provision of schools and other educational buildings.

Since the early 70s, first schools in Buckinghamshire's system have been organised around individual "home bases", with "shared areas" for maths and sciences; and since the educational concept was established, Buckinghamshire can claim to have developed considerable expertise in designing for it.

The use of atriums for school "shared areas" is something for which Hampshire county architects have in their own way become famous. When I visited Buckinghamshire county architect's office, and spoke to assistant chief architect Chiu Ng, he acknowledged this. But he also pointed out that he felt Buckinghamshire's spade work had played an important part, having pioneered the use of internal top-lit streets with deep plans. He also pointed to another plan form Buckinghamshire has developed, the linear plan with "home bases" enclosing "shared areas" which themselves enclose south-facing external spaces.

My own attention was originally drawn to the county's work as a result of John Stewart's own display in the RIBA's "Forty under 40" show. In particular, his distinctly classicist computer block for Aylesbury Grammar School, with its corniced and rendered facade, was in marked contrast to the deep eaves and fairfaced brickwork that are now almost universal in local government architecture.

When I finally met Stewart, he told me he specified painted render because of similar finish on the existing school buildings. It's not a wholly convincing excuse, as the character of the new facade is quite different from the shabby pebble-dash to which he is referring. To object would be churlish, however; for this is a building of considerable panache.

Other exhibits in Stewart's display were his fire station and staff houses at Gerrards Cross, the Rossesque Princes Risborough Library, an extension to Amersham College, and a community school for Bradwell Common, Milton Keynes. This last project, close to Martin Richardson's housing scheme, takes full advantage of the local precedent, now established for polychromy. Its monumental chimney in banded brickwork marks the crossing of two axes, one of which extends for a mile and a half through the centre of Milton Keynes.

In a text associated with his exhibit, Stewart said his concerns were "similar to those of many architects now — to develop a contextual architec-

continued page 14



Milton Keynes Central Library, 1981 (Chiu Ng).

Left and right: the complex has been designed to eventually accommodate a complete library, museum and area county offices with church facilities and MKDC social space, and is expected to finally occupy the entire grid square with the exception of an archaeological site at the northern corner of the land.

Phase I consists of a reference library with control centre at ground floor. Adults and children's lending libraries are situated at first-floor level. A church hall and MKDC social space with exhibition gallery are provided on the ground floor.

The structure is steel framed, clad in brickwork, with aluminium windows and doors; pitched slate roofs are set behind the brick parapet.

Amersham, Dr Challoner Grammar School, 1981 (Haden Gowman).

The new extensions (right) maintain particular regard for the dramatic atmosphere of the original school, arranged to give the plan a uniform form of a central court with wings and entrances on two sides. Local bricks form arched openings and the clay tiled roofs are steeply pitched, dormers and rooflights.



Aylesbury Grammar School Computer Centre, 1985 (John Stewart).

Above and left: The new Computer Block's main object, architecturally, was to provide the third side of a new external space between itself, the old school house and the school library. Externally it relates to the school house, with red facing brickwork and render, red tiled roof, and picks up the line of the library roof overhang with its cornice. It provides four new classrooms — two computer workshops and two computer studies rooms.

The simple uncluttered lines of the symmetrical block come as a refreshing change to the shallow postmodernist renderings and vernacular features that characterise much recent local authority work.

Amersham College, Phase 2, 1987 (John Stewart).

Left: this is a major extension to a 1960s college building. It will greatly increase the facilities available to the students and staff with a new library, multi-use drama space, lecture theatre, computer and typing rooms. The extension picks up the pattern of the existing building by continuing its two main corridors straight through it and using identical forms and materials externally, for the basic teaching blocks. A vast arc is cut out of these blocks to provide views out of the library to the beautiful surroundings and to create an external, south facing amphitheatre, where students can congregate.

Like the Computer Centre above, the scheme notes recent important work on building typologies and place-making, especially that by Aldo Rossi and the Tendenzia.



Milton Keynes College of Further Education, 1985 (Chiu Ng).

The building (left) is two-storey, comprising a wing of further education and an opposing wing of sixth form centre with a youth centre either side of a central area of shared resources.

It has been designed to be sympathetic in form, materials and colour to the existing buildings, and forms a green area enclosed on three sides by this building, the existing secondary school and recreation centre. Particular attention has been given to the landscaping.



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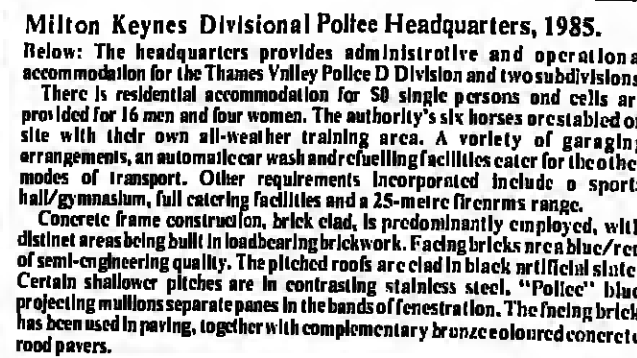
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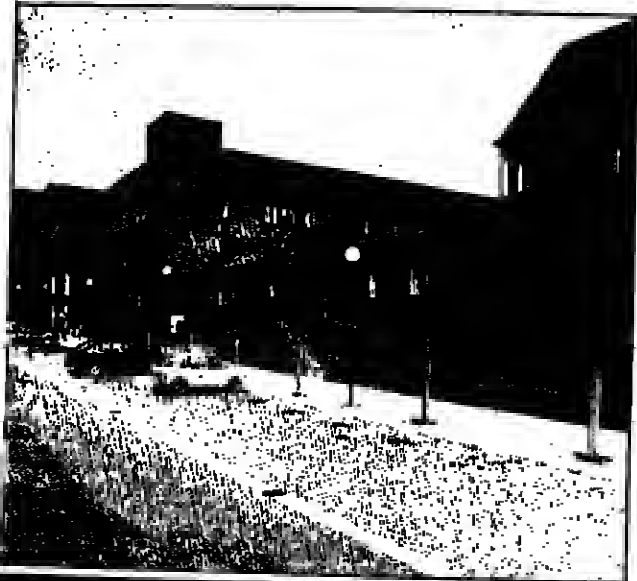
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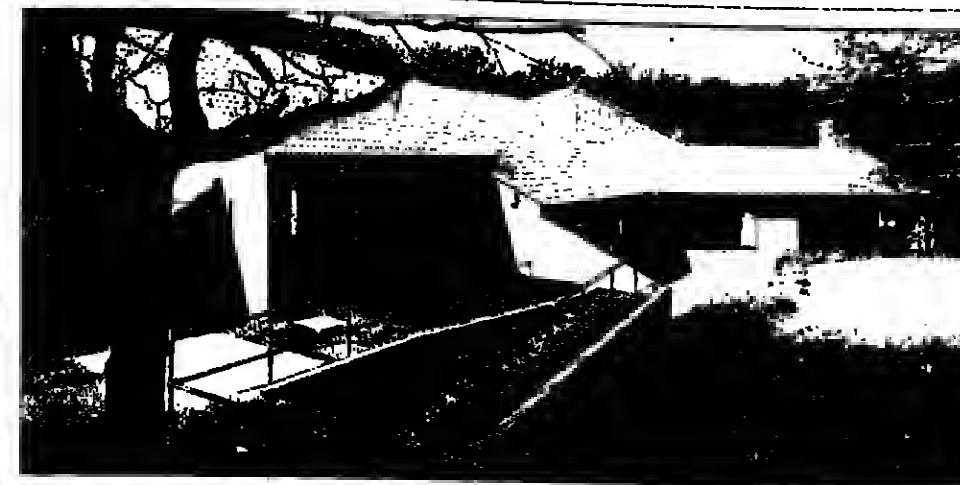


Above and left: This new school provides 480 places for children aged five to 12. In Central Milton Keynes. It is set out on two axes, one which runs through several miles of the city terminating in an obelisk (chimney) on this site, the other being a row of mature trees on which the school's main entrance is aligned.

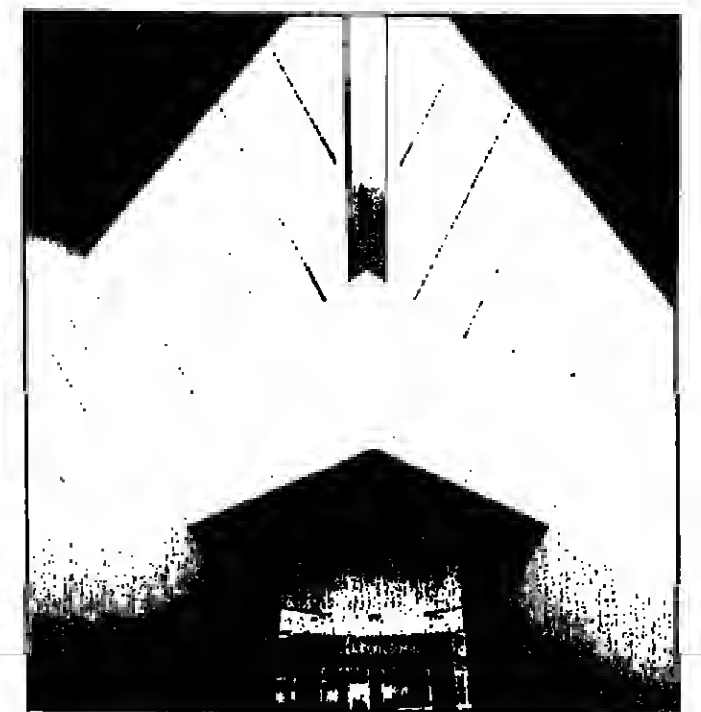
Externally the school's polychromatic brickwork and grey tiled roof relate to Martin Richardson's housing nearby.



Above: This project is local wildlife conservation area between access to the Wycombe Council's Arco and a number of medieval and 19th century town houses, not providing a focal point for people and activities in High Wycombe.



Above and left: The existing school consisted of a number of separate buildings, dating from 1960. The new extension was intended to link them together. Right: The extension provides new accommodation for the middle school age children, consisting of a resource room, classroom and two small lavatories. The rest of the new accommodation is shared between the new entrance hall, administration rooms and staff room. The former staff accommodation was converted into a reception class for first school age pupils and some surplus lavatories were converted into a library area. Finally, a new heating system was installed.



This is a new 240-place first school in the Fishermead grid square in central Milton Keynes. It is organised around the central spaces, one internal and one external. Around the internal space (the Hall) are grouped the administrative offices, kitchens, medical rooms, etc, and around the external space the main teaching areas, home bases, nibored area, etc. An "activity" room links the two spaces, overlooking both.

Bucking the trend

Despite local authorities' lack of glomour, there is a certain paradox that they are so unattractive for newly-qualified architects: after all, it's well known that they tend to give more responsibility to younger architects. But is this due to *idealism*? Are they less terrified about liability claims than the private sector? Or could it be because many senior local authority architects lack confidence as designers, and are therefore not as jealous of the opportunity to design as those in the private sector?

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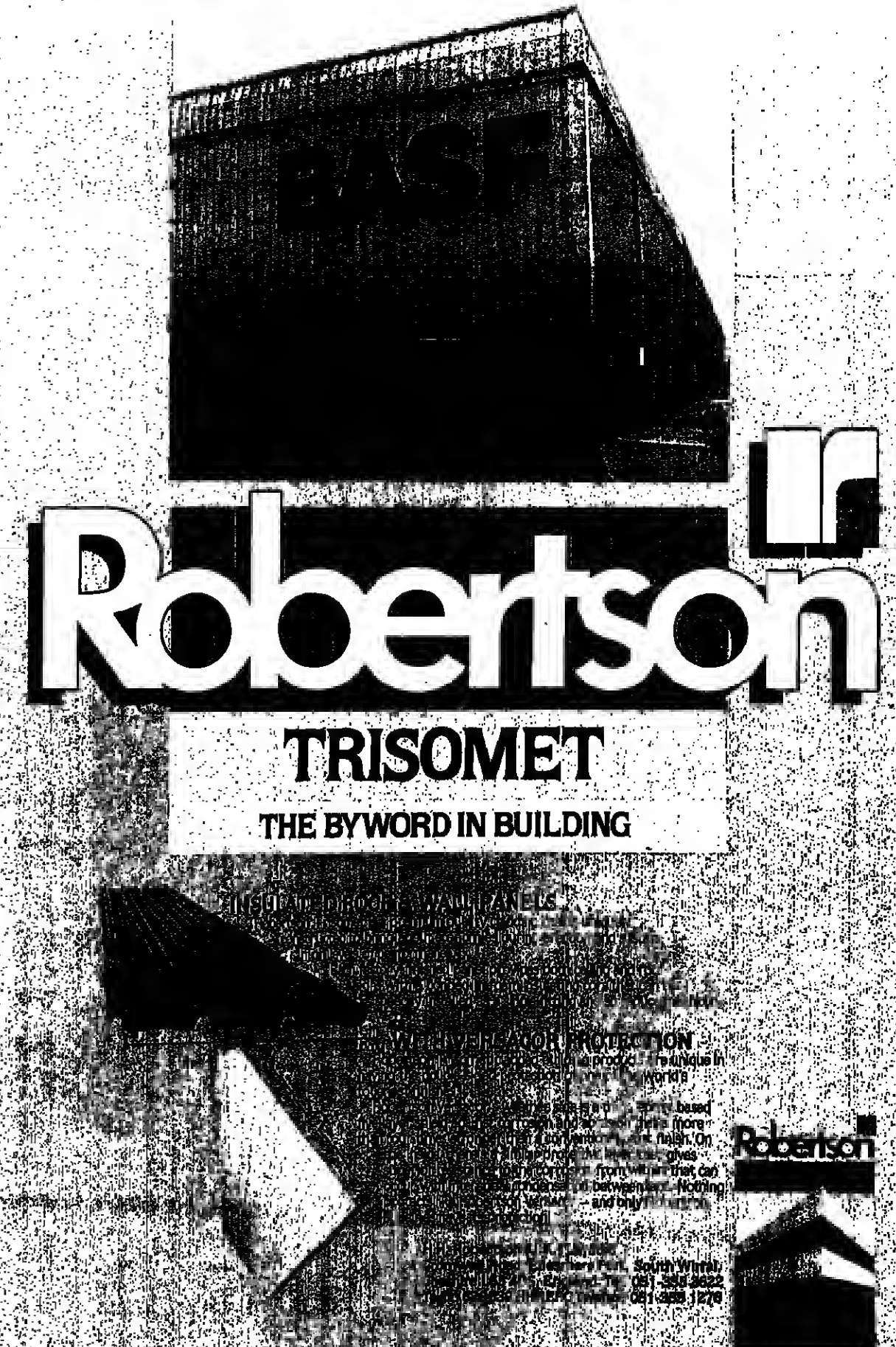
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24). But as time went on, and tin boxes such as Bean Hill and Neatherfield returned albeit unwillingly to the soil, Bucking-

But it can't all be a bed of

Nevertheless, their work point to an encouraging morale in the public. When I asked Paul Marshall what it was he was most proud to get across to a wider audience his answer was clear and spirited — "Don't write off the government!"

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Great Holm First School, Milton Keynes, 1987 (Sue Stewart)
This building is a new 240-place first school serving the Great Holm area of Milton Keynes. It is organised in a formal square around a central courtyard and is used as an extended teaching space. Four brick towers dominate each corner of the square plan, providing a natural light and ventilation to the central areas of the school. A light shaft runs from tower to tower, linking the teaching areas and diffuses the light from the towers throughout the building.



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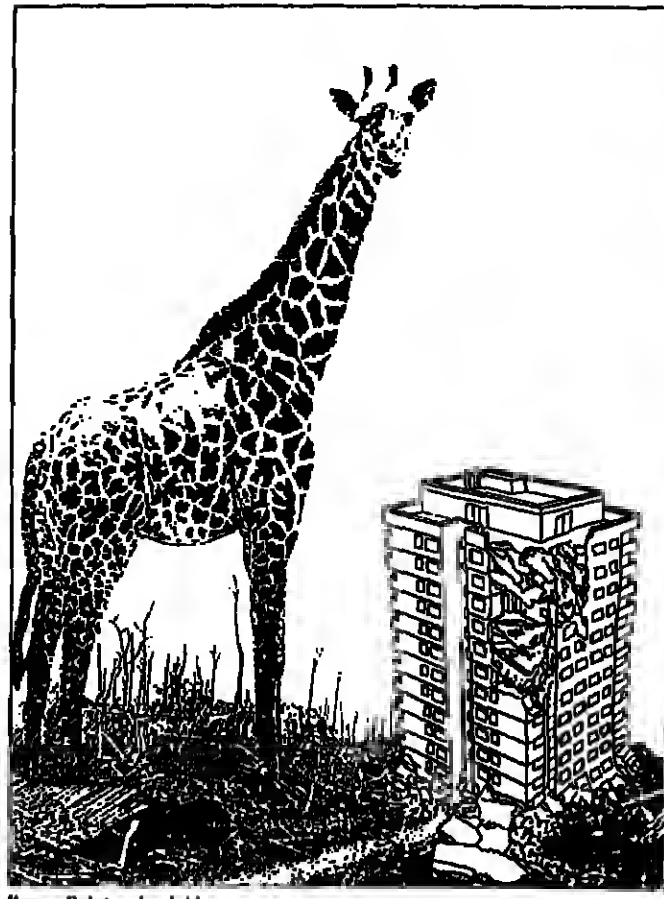
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Exhibitions

BLEAK HOUSES

Brian Hatton went to see "Lies in Ruins", an installation by Hanna Vowles and Glyn Banks, at the ICA Concourse Gallery in London until May 18.



Ironan Point and neighbour.

At the Institute of Contemporary Arts there is a tall corridor. On the right side is a plain continuous wall, while the left is broken by brick piers into six alcoves. It is a high, narrow space with a provocative quality that has inspired several artists' "installations", and is now housing that of Glyn Banks' and Hanna Vowles' "Lies in Ruins".

Banks and Vowles have been using the installation format for some time; last year saw their "From the Ruins" at Bank-works Gallery and "Our Wonderful Culture: Art in Ruins" at the crypt of Hawksmoor's St George Bloomsbury.

It is worth reflecting on this word "installation", which has so many architectural intima-

tions, implications of public action, popular address, and common space in it. Indeed, Banks' and Vowles' earlier enterprise was called "Work From Common Knowledge". Perhaps there could be such a thing as a public realm in the same sense as there is, or ought to be, "common knowledge". But what is common knowledge or at least, knowledge of worth, in contemporary culture?

Walter Benjamin, the great Marxist critic, spoke of allegories as being in the realm of thought and knowledge what ruins were in the realm of things: no longer alive, yet possessed of a continuing power by virtue of their very fixity; a salutary or cautionary symbol. Are there genuinely living shared ideas in contemporary society, or are they illusions, congealed allegories better seen for the ruins they

are? In this rumination the metaphor of architecture is very striking, yet depends on the admission that the most truthful account of the buildings around us may well be a representation of their very deadness.

The installation format is in some ways a successor to old popular traditions of tableau, a kind of walk-in artwork that creates a temporary architecture for its panorama or frieze of life. Courbet called his vast "Studio", with its vista of society, "A Real Allegory", but in the ICA installation it is the buildings themselves that take the parts of the protagonists, for there are no human figures along the passage of "Lies in Ruins".

Along the plain wall a bleak cityscape of looming buildings has been drawn in that deadpan blackline manner often found in children's illustrated books and comics, architectural advertisements, and the paintings of Patrick Caulfield. It has the aspect of a ghostly toy town. There are a "heroic" constructivist skyscraper, Ludwig Leos' monstrous Umlaufstank from Berlin, classical ruins, Nelson's Column, a Victorian viaduct, the fortified Admiralty bunker that overlooks St James' Park, a factory with chimney and row of terraced cottages, and the ungainly pile of South Africa House. At intervals across this panorama are drawn tall Negro sculptures, while hats and umbrellas attached to the wall float by.

Along the left side of the darkened passage, lit fitfully by blue lamps, the alcoves house a sequence of puzzling images,



Elson views Constable. (Photos: Stephen White.)

some of them rendered all the more so by barriers of corrugated iron across them, without enough gaps to peep through.

The first bay shows a blitzed building in flames with a blonde "Jane" girl in the foreground. The second bay holds a lifesize effigy of a bison amid leaves and atoning at a tiny framed picture of a Constable landscape. In the next, a giraffe stands drawn amid a charred landscape with a ruined tower block in the background. On the wall of the fourth alcove hang three little framed drawings of hyper-abstract architecture in the manner of Eisenman, with de-glo-rendered sculptures in the foreground. The next bay is filled with straw and barred by corrugated sheets, but within it hangs

a banner drawn with images of St George Bloomsbury with a silhouetted war memorial in front of it and a Chernikov-style Industrial Fantasy looming behind it. The final alcove shows a classical ruin with a dog in the foreground. As one walks along this "Via Dolorosa", the sound of an airplane is heard between the lugubrious tones of two old pop songs, "Just out of Reach" by Solomon Burke, and "Welcome Home" by the Shirelles.

These crooning lyrics can only be taken ironically; they exude the kind of bathos that comes when emotion is rendered into stereotypes and platitudes, and I would take the entire installation to be an allegory of the city today where "edifice" has decayed into platitude and

flatness, where a succession of heroic claims upon hope and history have failed, or simply been overtaken by the relentless economic process.

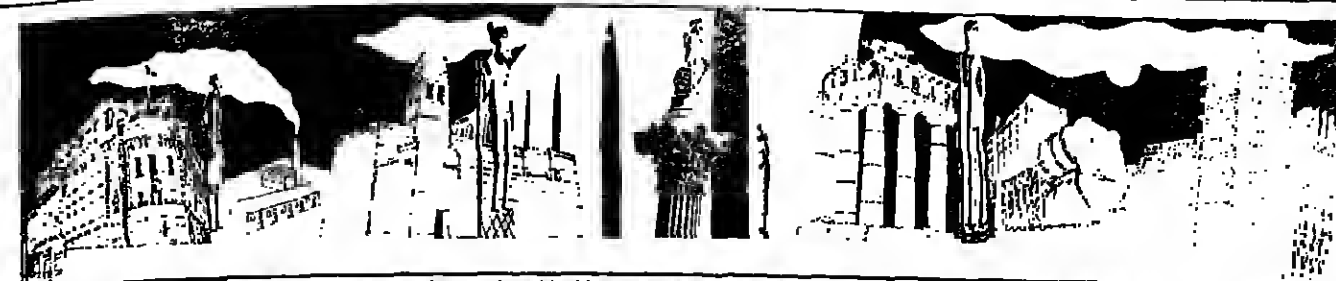
There is something in it of the emptiness of a painting by De Chirico, but if there is some sense of loss that is being registered in this work, it is not simply that of the poetic verities of classical culture but of the whole possibility of life in the city. I was reminded of a walk around the financial district of the City on a Sunday afternoon. Empty streets and redundant monuments, a void filled spasmodically by private fantasies of wild beasts and primitive passions. For these artists the city seems to have become a metaphor for the independent and critically effective practice of art, a real voice enacted by a true figure.

Accompanying the show they have produced a pamphlet with an essay of collated quotations on this theme. The pamphlet and installation are prefaced by a poet-faced announcement in the manner of a manifesto: "Knowing for certain in our black and white world only that there is no place like home, we recognise that the truth value of art today lies in ruins". Of course, nothing is certain, everything is shades of grey, and "home" these days is liable to annual uprooting. Irony is the only possible response to this announcement; irony and the meagre wisdom that comes from the clarity of mind in full awareness of the truth behind illusions that such a multitude brings. Benjamin once said:



Drawings from Cities of the Dead.

Exhibitions



A bleak cityscape of looming buildings drawn in that deadpan blackline manner found in children's books and comics... and the paintings of Patrick Caulfield.

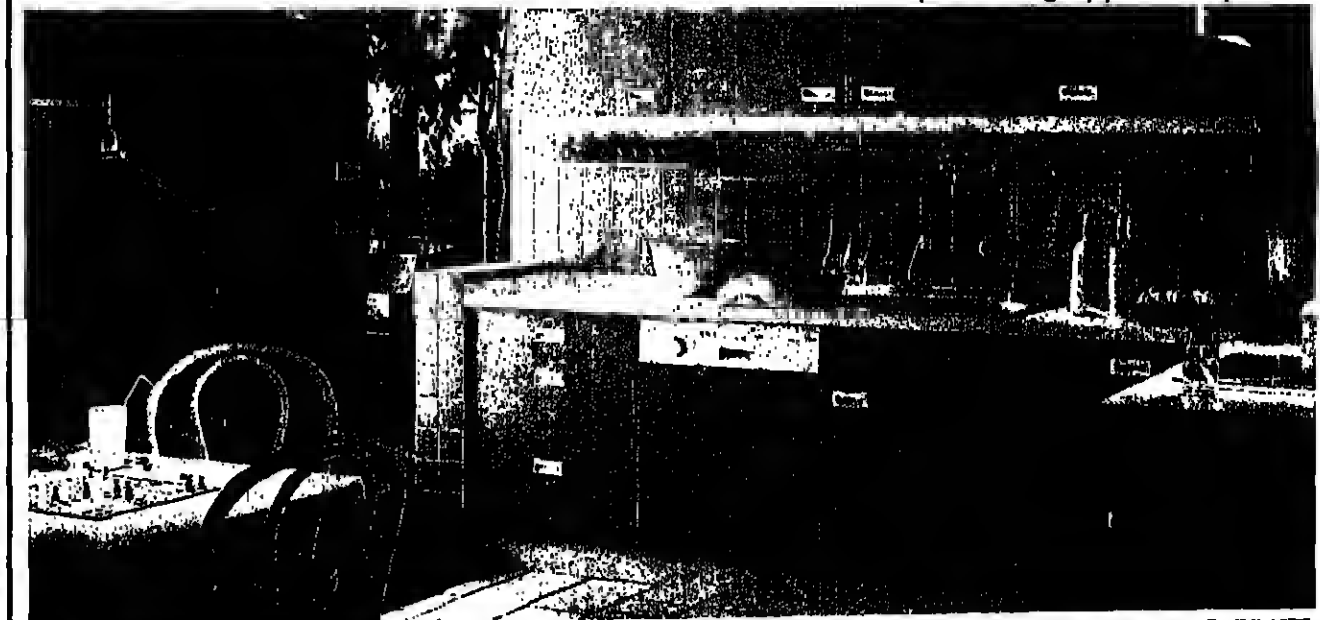


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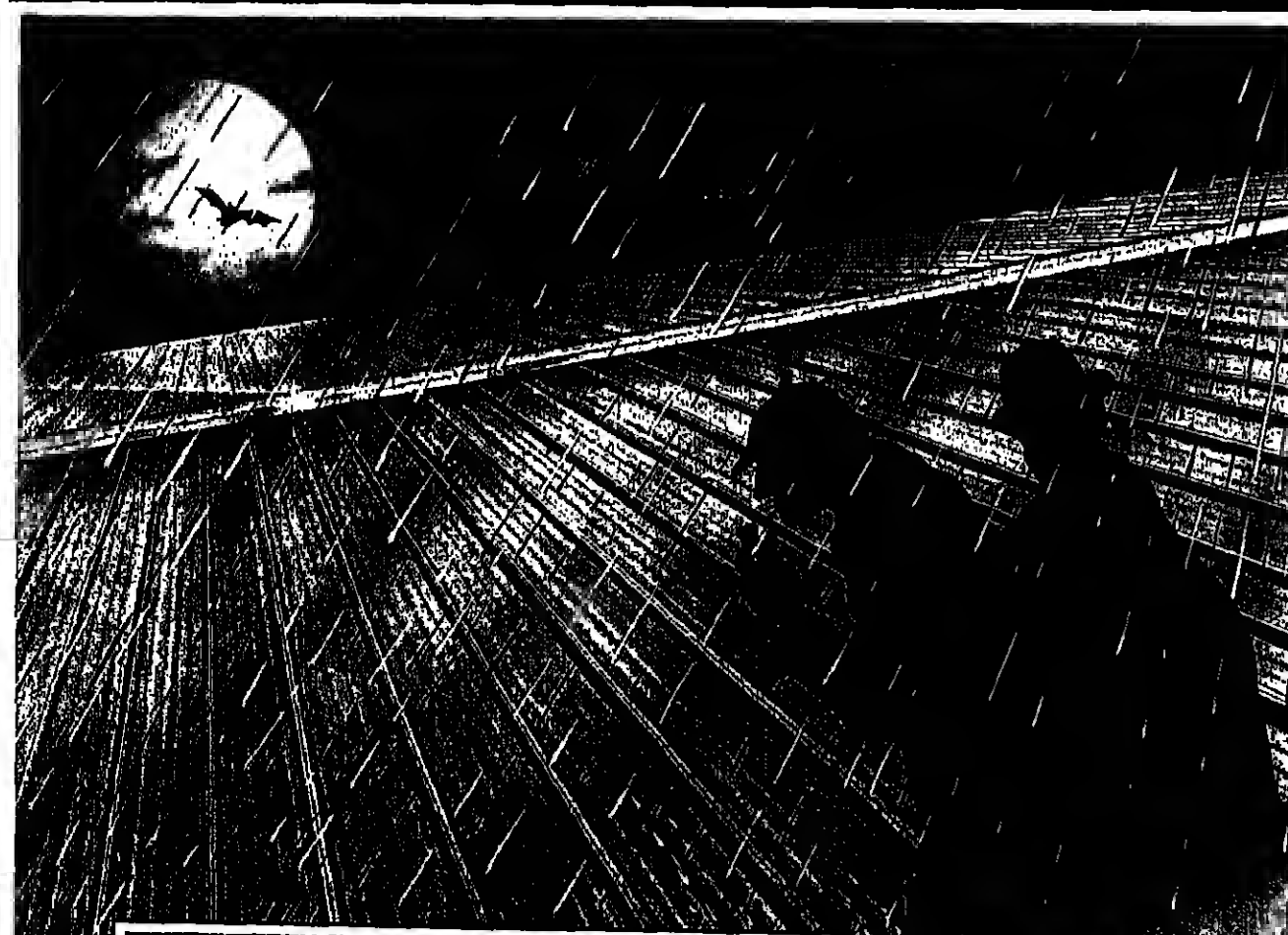
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Ironie order and the hound dog.

Sculpture

TAYLOR MADE

Wendy Taylor specialises in doing the impossible, "banding" bricks and making solid objects appear to float. Fiona Gorman talks to this magician of sculpture.

WENDY Taylor likes a challenge. Whether tying knots in bricks or using rigid chains to make rooted objects appear to float, she thinks big and refuses to be constrained by axioms of science and sculpture without exploring the alternative.

And, with as many permanently sited sculptures as the great master, Henry Moore, Taylor is one of Britain's leading exponents of the art.

Since 1980 she has concentrated on fixed sculptures, allowing her to investigate themes, materials and contexts without worrying about the cost or ease of mobility. For Taylor, galleries and open-air shows are a thing of the past.

She has received many accolades over the years, including the Walter Neurath Award in 1964, the 1966 Salisbury Award and the sculpture competition for the Swansea Maritime Quarter in 1984. She is a member of the Royal Fine Art Commission, the Court of the Royal College, Morley College and a specialist adviser to the Fine Art Board of the Council for National Academic Awards.

Taylor's work has featured in countless group and one-man exhibitions and her sculptures

can be found as far afield as the Rockefeller Collection in the United States and the Emir's Palace in Doha, Qatar. But her latest show — "Buildingart, the process" — at the Building Centre until the end of May, is more than a presentation of her art. It aims to explore the genesis of Taylor's projects through photographs, from the materials used, the complexity of the construction, transportation liches and the constraints of the working environment.

There is a vitality and exuberance about the artist which is reflected in her work. Her sculpture is startling, engaging and extravagant in scale. She uses a wide variety of techniques and materials including concrete, bronze, mild and stainless steel, bricks, glass-fibre and ceramic tiles.

Although Taylor is a skilled welder and can tackle most of

the jobs involved with her constructions — such as the benefits of a rigorous training at St Martin's School of Art — when working on several projects simultaneously she turns to structural engineers, welders and concrete casters for help. The Building Centre show pays tribute to that teamwork.

"I wanted to bring all my work together," says Taylor, "to give people an insight into how a thing is made. The show is a celebration of the fact that none of these pieces is a one-man band. It is all team stuff. I am very dependent on engineers, for example, because I do push materials to their limits."

There have been times, Taylor admits, when even she thought she had bitten off more than she could chew — and she has taken extraordinary steps to convince others of her ambitious undertakings — but her photographs

and recollections of past commissions show an undiminished enthusiasm and dedication.

"Sculpture," says Taylor, "should contribute something — it can be a signpost, it can mark a space, but it should be related to its surroundings."

Increasingly Taylor tries to respond to that challenge, while acknowledging that different briefs require different solutions: "Sometimes the shapes and pieces already exist in my mind and the site's perfect, but that's rare. It doesn't matter what you've got in mind, if it doesn't work on that site you have to clear your mind of one project and let it take in another site."

Taylor's work may be considered to be improving an unsatisfactory context. Her 1969 project for Lord and Lady Beaumont of Whitley — "The

Travellers" — was designed for a dark, tunnel-like area of their Hampstead garden. This promising patch captured the eye and overshadowed the beauty of the garden's sweeping lawns. Taylor's 5m steel and reinforced glass-fibre structure stepped upwards, leading the eye up and away from the morass.

"Often the clients have a bit of an idea from something I've already done," says Taylor. "They say what they like about a piece and I can work on that." Her "Equatorial Sundial" for Telephone Rentals at Blechley (1981/82) was prompted by "Timepiece" — a functional sundial of bronze, stainless and forged steel completed for the Tower Hotel in London's St Katharine's Dock almost a decade earlier.

Other clients want sculpture which is not only decorative but helps identify them. Taylor's sculpture for the STC headquarters in New Southgate consists of 7,000 parts and includes 720 holograms. She has created an interconnecting aluminium network within a sphere to denote the company's global presence in communications. Holograms at the end of each lattice depict the colours of the spectrum and in certain lights three-dimensional and optical fibre images appear.

Taylor's London for the National Farmers Union Mutual & Avon Insurance Group, completed earlier this year, depicts the elements the company insures against — storms, lightning, fire, rain and sun.



Left: Taylor's ornamental tree, "Sentinel", stands 5.5m high, weighs 8.25 tonnes and leans 5deg from vertical. It was built at the Redland Technology Development Centre near Horsham in Sussex in 1980/81.

For the first stage, stainless steel formers were threaded onto the centre tube at 600mm intervals. These were rolled to produce the torsional shape and define the cross-section outline and then fixed in place. Expanded metal and plywood panels acted as a temporary framework to retain the concrete, while high-strength concrete was placed in small lifts and vibrated to ensure compaction.

In the second stage, Taylor marked and cut 1,700 Redland handmade bricks to conform with the curvature of the core. These were bonded with epoxy resin adhesive and held in place with men's trouser elastic until it had cured.

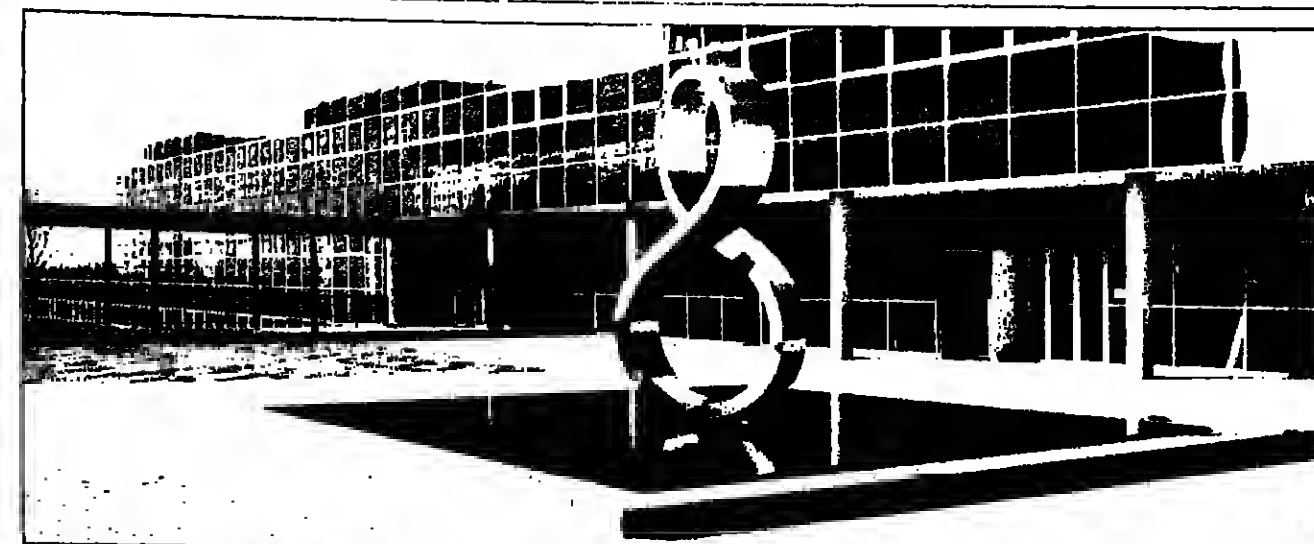
Taylor had to call on the assistance of local police to close roads while the sculpture was moved to its site at Redland House, Reigate. "Sentinel" was erected in 5.5 tonnes of scaffolding during removal.

Each medal is 2.5m in diameter and is made of polished and satin-finished aluminium. They adorn the walls of the company's new Stratford headquarters, designed by Robert Matthew, Johnson-Marshall & Partners.

Taylor tries to visit every site to take photographs and absorb the ambience. Then its back to her Wapping studio — a converted powerhouse — where she might put together a photomontage of the site of a model of the surrounding buildings. Architect John Winter was bemused by this approach when Taylor built a model of part of his design for the Morley College extension, to determine the scale of "Opus", before the building existed.

Although the original design is often "scribbled on the back of a fag packet", Taylor does not produce drawings. "I prefer to produce a maquette and put the idea into three dimensions at once," says Taylor. "Drawings cheat. They don't gratify the

Sculpture



In the first of her projects for the Milton Keynes Development Corporation, Taylor produced a Moebius strip with a double twist in satin-finished stainless steel. "Oto" is 4m high and forms a continuous ribbon of movement with a figure-8 at its perfect centre.

Taylor was keen to create something which responded to the scale of the buildings while working on a human scale. She suggested a revolving pool to cope with this

need for accurate three-dimensional representation. This stage, finalising the scale and materials of the finished article, is among the most fascinating for Taylor: "I enjoy the shapes that are made along the way, and retain them for later."

It is partly this desire to explore transient forms which establishes a continuity in

Taylor's work. Her chains series (1973-76) stretches the principle of gravity. By apparently using out chains to support heavy objects, Taylor challenges gravity and deceives us that aluminium or stainless steel objects are floating. It is a humorous deception which arrests and intrigues the viewer.

Taylor has produced several

works investigating the enigma of brickwork in tension, starting with "Brick Knot", "Brick Arch" and "Crossbow" for the Hayward Gallery in 1978. "Counterpoise" followed in 1979, exploring the use of an inert medium to convey a sense of movement and balance. Taylor has been challenging preconceived ideas about form

and function for more than 20 years and astounding other craftsmen with her ingenious use of materials. But no matter what problems she sets herself, she seems able to overcome them all.

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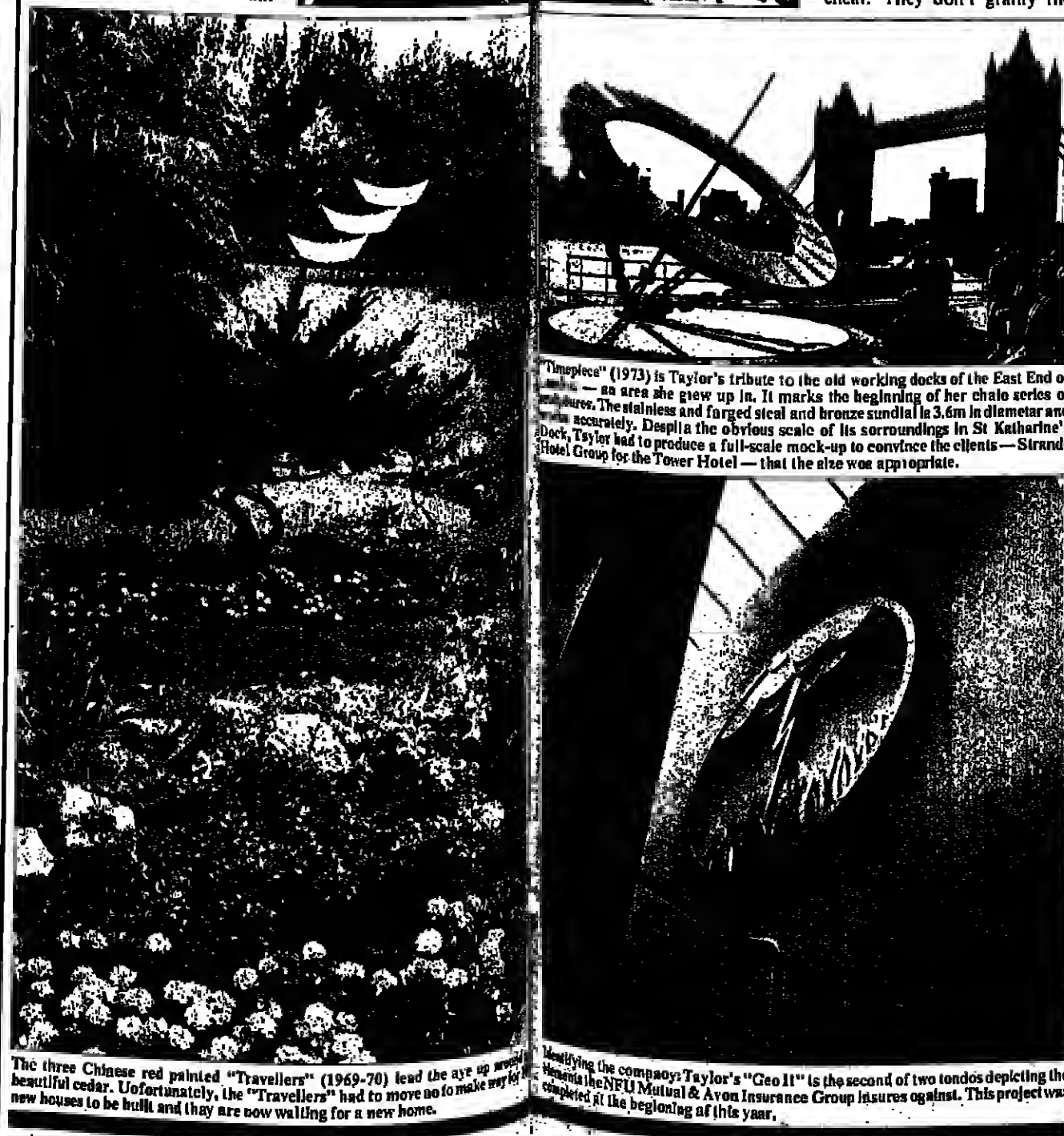
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Practice profile

PRIDE OF PLACE

The Hove office of the Miller Bourne Partnership was recently shortlisted in the Grand Buildings competition. Ian Latham and Fiona Gorman look over some of the practice's recent completions, by Peter Fitzroy Robinson and Robert Miller.



Elevation of development facing Madeira Place.

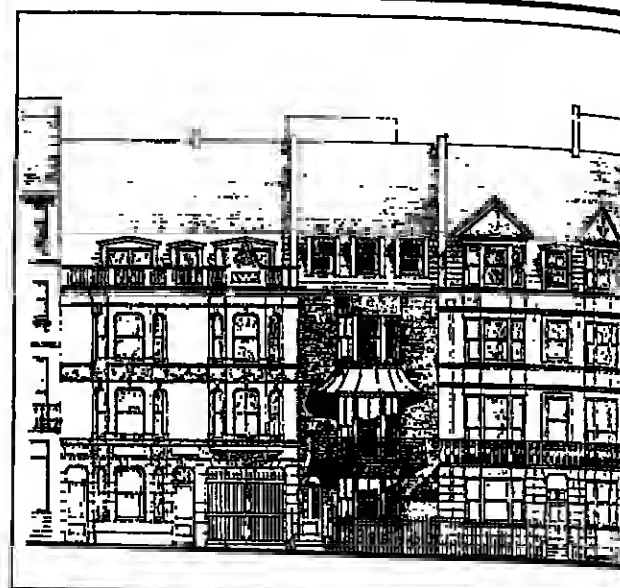
The restoration of several houses on and adjoining Marine Parade on the Brighton seafront presented a particularly demanding problem. Their transformation into 26,000-sq-ft of high quality office space has been achieved with distinction thanks to the contractor, James Langley, and its plastering/rendering subcontractor, Robert Cook & Son.

Marine Parade was first formed as part of the Battery Defences in 1793 during the Napoleonic Wars and the house at No 18 was built shortly afterwards. It has been used as a house, a hotel, a flat, a hotel again and finally offices in 1962. The mid-19th century terrace around the corner includes 20-24 Madeira Place, most of which were used as lodging houses, between 1885 and 1895. No 20 was used by Shilvey & Co to manufacture mineral water and from 1910 until 1980 was successively the Palace Pier Garage and the Century Garage.

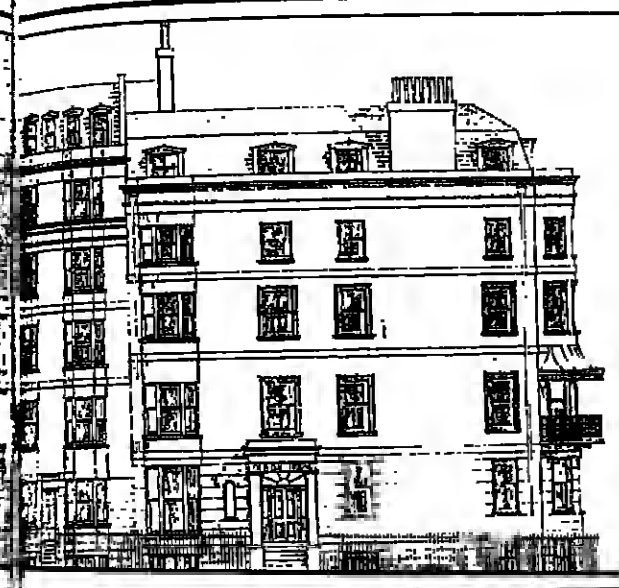
The buildings stood empty for some time, with the result that the architects were faced with virtually derelict property. Of the original structure, only the front and side walls of No 20 were retained, with the rest being authentically rebuilt after a complete record had been made. Moreover, several features were reinstated that had been lost over the years, following data discovered by archive photographs. The office floors within are on a new reinforced concrete frame inserted behind the facades.



Marine Parade development viewed from the sea front.



Madeira Place elevation.



East street elevation of Castle Square scheme.



Perspective sketch facing Castle Square.

The practice has recently completed a five-storey building on a prominent corner site in the centre of Brighton facing the Indian Gateway through to the Pavilion. Four disparate buildings occupied the site and an initial study revealed that refurbishment would be prohibitively expensive and the result would be unsatisfactory for the proposed use.

As a scheme for a new block was prepared with 500sq m of retail space at ground and basement levels and four floors of office space above. The borough council rejected the application because the existing buildings were in the conservation area and because the proposed building was "out of character". But the development was approved on appeal to the secretary of state, whose Inspector praised the "appropriate sensitive flavour... which echoes many of the features of the existing buildings."

The report continued: "It's broken skyline design will help to assimilate the scheme towards the variegated style of the adjoining buildings to the east... The corner pavilion proposed would be a suitable present day equivalent of the features of the corners of the Edwardian style built buildings opposite."

The case raises many important issues, most stemming from the developer's wish to put open-plan specialist office space on a prominent and restricted corner site in a sensitive area. In the circumstances of mediating between this requirement and planning strictures, the architects have been successful; the new block is articulated into vertical bays, and materials and colours are of good quality and sympathetic to the surroundings. But inevitably therein level of detail that forces one to question the validity of such modelling. Concrete frames, cladding and modular windows don't readily adapt to an intricate and articulated building form, so perhaps it would be better to let the details, junctions and colours respond to the context; but try convincing a planning department!

Quantity surveyor: The BBC Partnership. Structural engineer: TF Burns & Partners. Main contractor: James Langley.



Office reception area, Madeira Place.



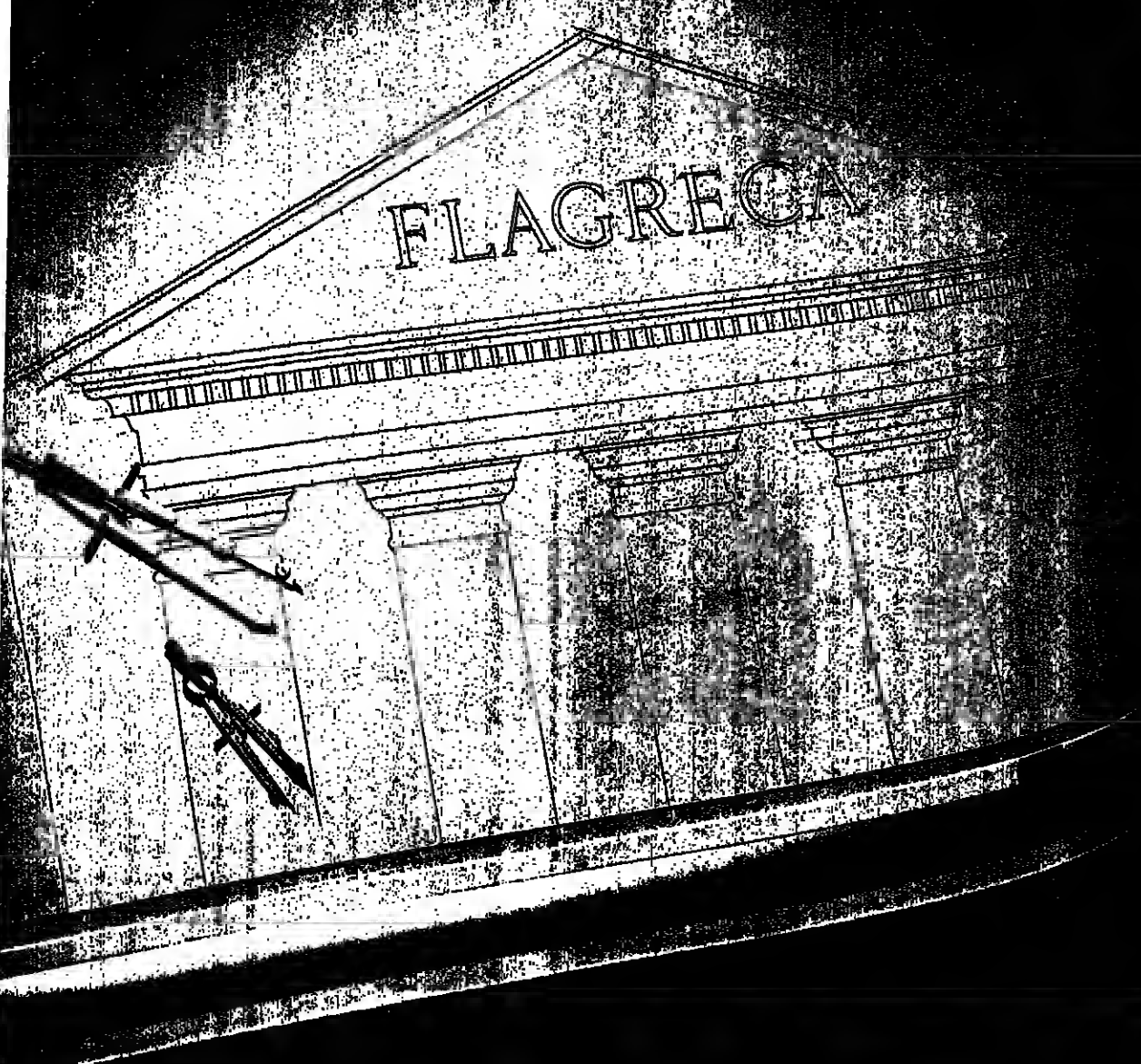
Brown brick and clay facing bricks have been used for landscaping.

Completed at the end of 1983, this 2,322sq m office building was designed for Commercial Union Properties. The offices are in East Grinstead and lie to the south of a private road — Wood Street — and next to East Grinstead House, completed by Miller Bourne in 1977.

The four floors of offices and covered lower ground-floor parking are contained within a reinforced concrete frame. At roof level a steel frame carries cladding to the plant room, lift motor room and staircase roofs. The building is clad with hand-made clay facing bricks and a precast concrete lightweight insulating inner leaf is provided. The roof-level cladding is finished with load-fixed external quality plywood panels.

The timber window frames are faced with bronze nosed aluminium externally and natural stone internally. The windows are double-glazed with a grey tinted anti-sun glass for the outer pane. Venetian blinds are used between the panes on the south and west elevations.

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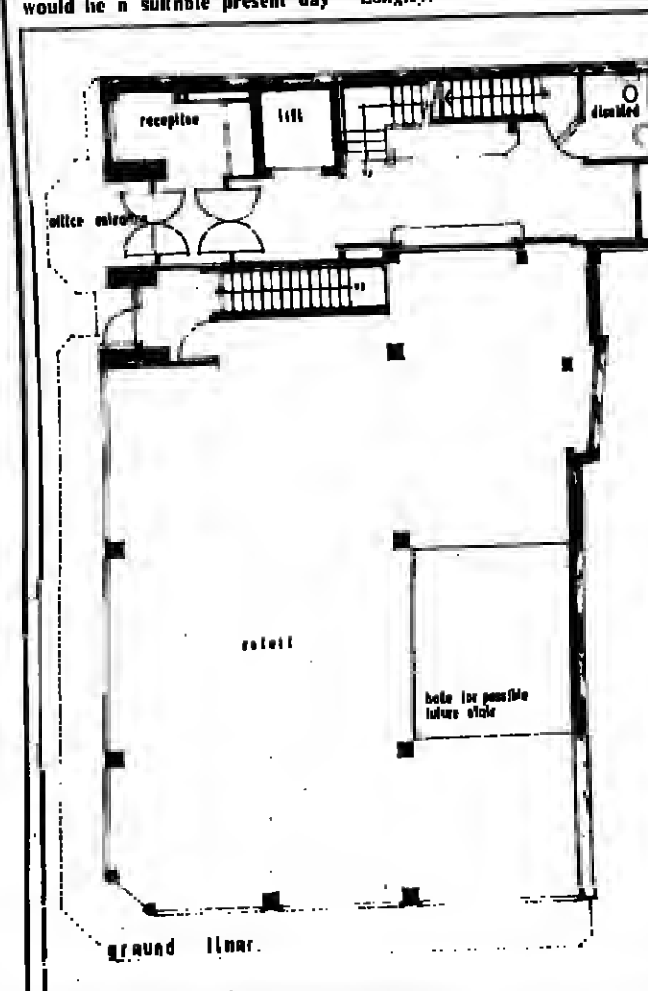
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Ground floor plan.



View showing corner turret in context.

Practice Profile

Pride of place

The practice's design for the redevelopment of Haywards Heath town centre was drawn up within the terms of the Haywards Heath Interim Street Plan and a planning brief put together by the district council in 1978.

The 3.7ha triangular site lies between two of the town's busiest roads and ownership was divided at the start of the development between two of the three clients — W C Hilton and Mid-Sussex District Council.

Miller Bourne's design for the Priory Walk Shopping Centre between South Road and Hazelgrove Road consists of 35 shop units, 30 homes, one supermarket and a department store for G. Hilton.

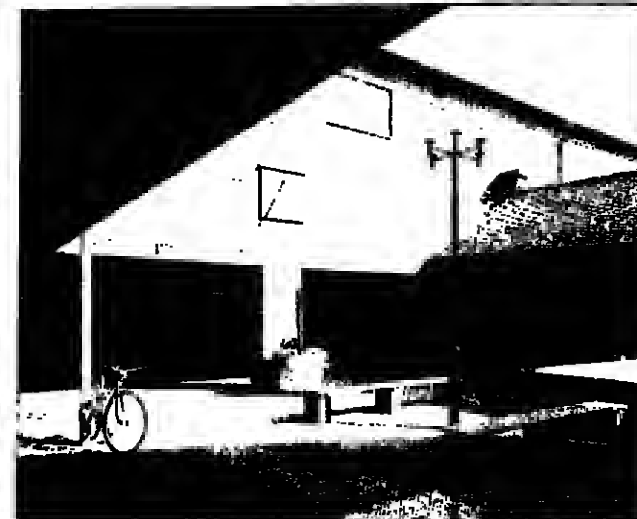
Twenty shops are provided in a staggered development of four blocks, each with a one-bedroom flat on the first floor. The other 15 shop units are in two blocks across a small paved area. These have storage space on the first floor and are serviced from St Joseph's Way. One-bedroom flats and maisonettes have been provided above the stores and these are reached by first and second-floor walkways from St Joseph's Way.

The 3,198sq m supermarket, linked up by Fine Fare, lies to the north of the other house and shop units and provides a ground-floor sales area with storage and offices above. The department store is designed on two floors with a first-floor link over St Joseph's Way.

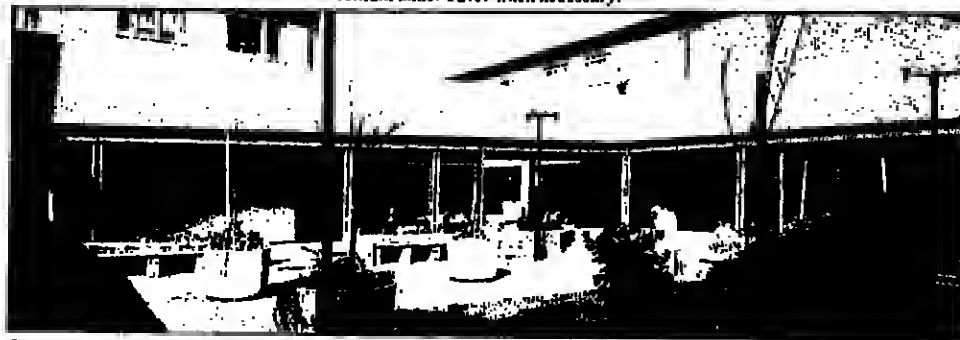
The £3.9 million design also provides parking for 400 cars, two new service roads and open and covered pedestrian malls with seating for the public.



A covered walkway links the shops with the parking areas across St Joseph's Way.

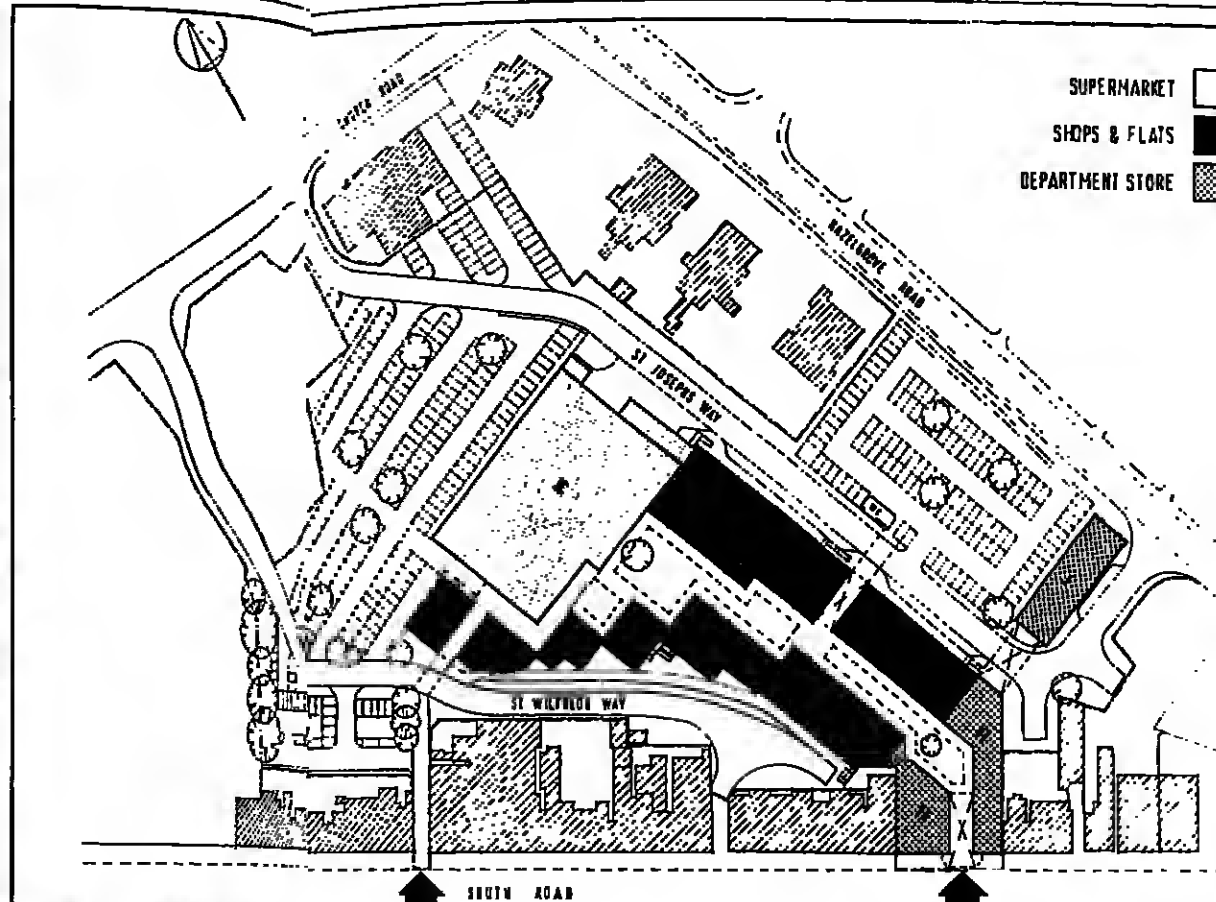


Tiled canopies and covered areas formed by first-floor links allow public to remain under cover when necessary.



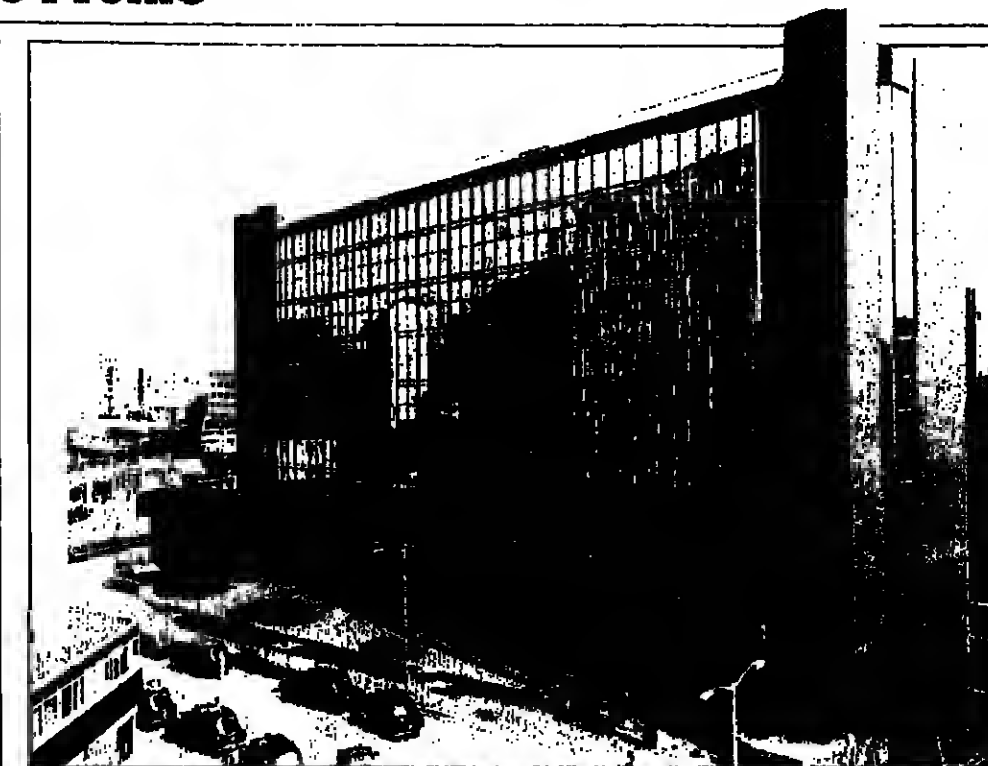
Landscaped squares with seating break up the long mall.

Clients: W C Hilton (Holdings), Norwich Union Insurance Group and Mid-Sussex District Council. Quantity surveyors: Gordon Hoeris & Barton. Structural engineers: Dixon Hurst & Partners. Main contractor: W C Hilton & Sons.



Site plan of the redevelopment.

Practice Profile



The curtain walling incorporates high sound insulation because of the proximity of the London to Brighton railway.

Bridge House, a 10-storey office block in George Street, Croydon, designed by Miller Bourne for the Norwich Union Life Insurance Society.

Completed in May 1983, the building provides 4,900sq m of offices. The structural frame and floor slabs are of reinforced concrete, while the main frame, edge and spine floor beams, the walls of the two towers and lower ground-floor retaining walls, are in situ. The eighth-floor plant rooms and centre open section are of steel. The offices are clad with curtain walling for stability, thermal and acoustic insulation. The towers are clad in facing brick with bands of vertical glazing serving toilets, stairs and lift shafts. All the glazing has tilted mirror outer skin detailed to resist wind pressure.

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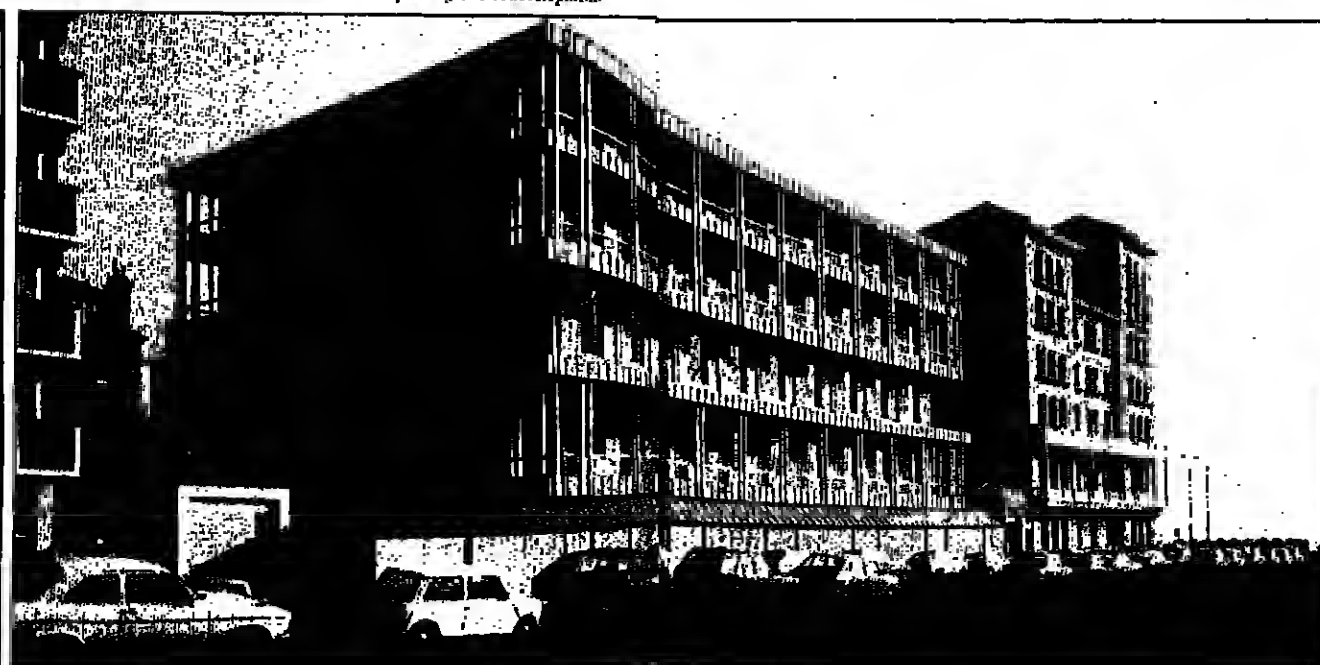
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The 9,290sq m extension for the electricity board has a reinforced concrete frame.

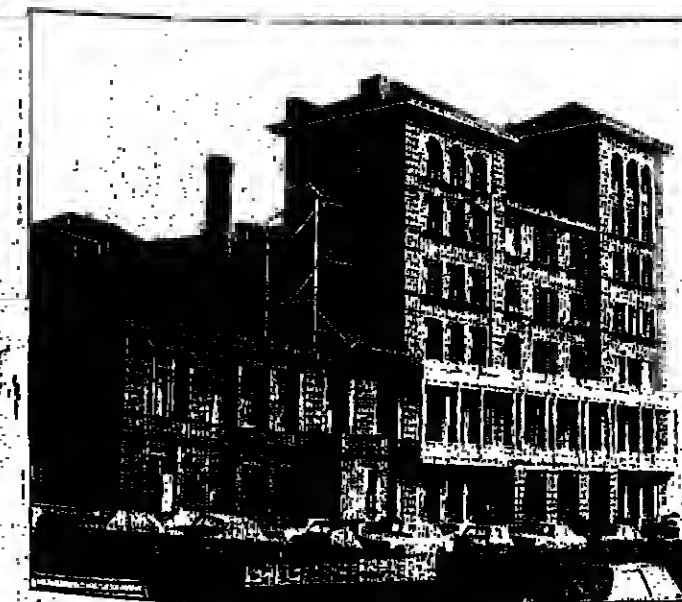
Having outgrown its Hove headquarters and been forced into additional offices, the South Eastern Electricity Board commissioned Miller Bourne to refurbish the main building and provide an extension for its 526 staff. This was to house 9,290sq m of offices with a restaurant, kitchen, social club and parking.

The original building at 9-14 Queens Gardens was designed by Sir James Knowles in 1872 as seven terraced houses, and was thought to have been inspired by the design of the Italianate design of Osborne House in the Isle of Wight. The original yellow bricks were imported from Belgium and were not easy to match.

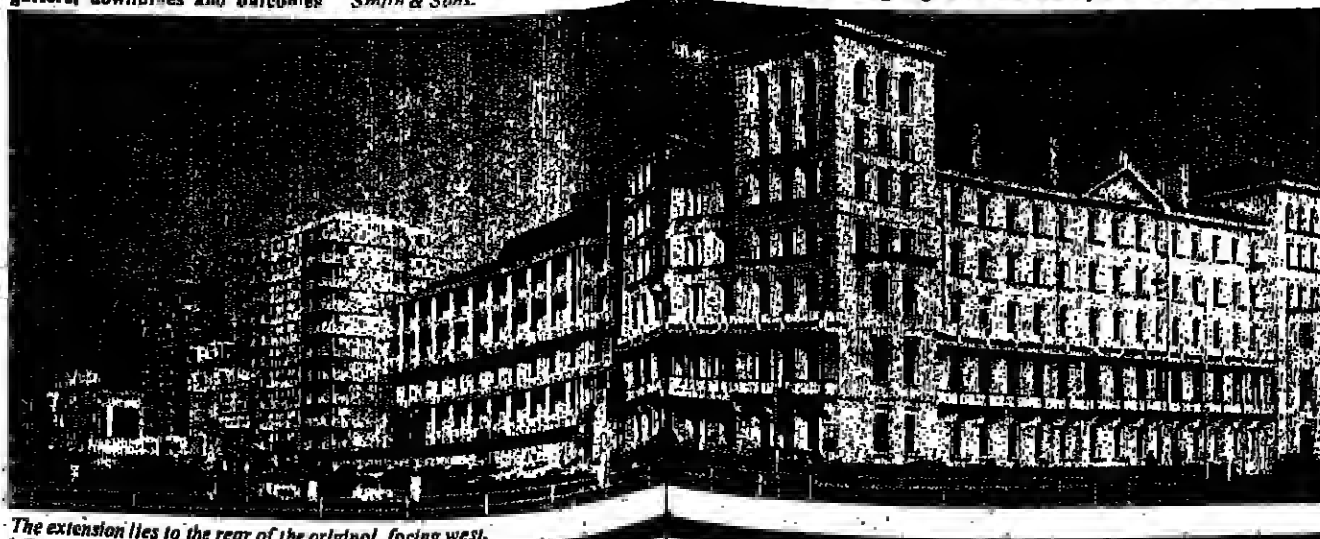
The refurbishment was started in June 1979, with the building stripped to expose its basic structure. The walls were cracked and leaning out and the mortar had perished in chimney stacks and high parapets, which had to be demolished. The building was re-roofed and new floors laid to withstand the office loading. The windows were replaced with aluminium double-glazing and gipsy caves, gutters, downpipes and balconies.

For the new building, a garage and two-storey extension to the original building were demolished to make way for the new structure. The extension at the rear of the west frontage was started in October 1979. The frame and floor are of reinforced concrete with a steel framed timber roof. Grey facing bricks have been used and the exterior concrete walls are covered by grey coated aluminium panels. The new staff restaurant and social club are located at the first floor of the new building with three floors of open-plan offices above and plant rooms in the roof and basement. The project was completed in August 1981 and staff were moved back.

Main contractors: James Langley & Co. Structural engineers: EMMC Cotterell. Electrical consultants: Commercial Director's Department. Seaboard. Mechanical engineers: A. Smith & Sons.



A two-storey extension and garage were demolished for the new wing.



The extension lies to the rear of the original, facing west.

Blushed Tones...the latest colour concept for bathrooms.



From Armitage Shanks, here's a totally unique colour concept for bathrooms — Blushed Tones.

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different from ordinary Two Tone suites available on the market which show a harsher, less attractive colour change.

Blushed Rosé and Blushed Oyster will be introduced on the attractive Wentworth suite and it's expected that further shades will be added before the end of the year.

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18-part history lesson

By Ian Latham

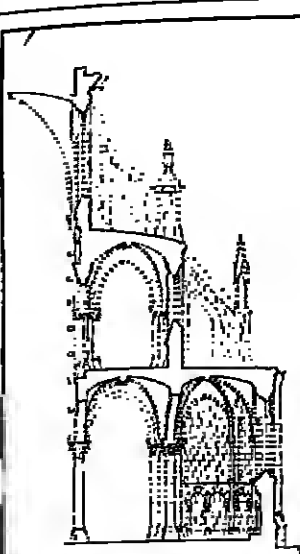
History of world architecture (Faber & Faber and Electa, £233).

THE comprehensive series of books that make up the *History of world architecture*, originated in Italy by Electa through the late 70s, represents an unrivalled reference document. Each volume was written by an acknowledged authority and some, like Tafuri and Dal Co's on *Modern*

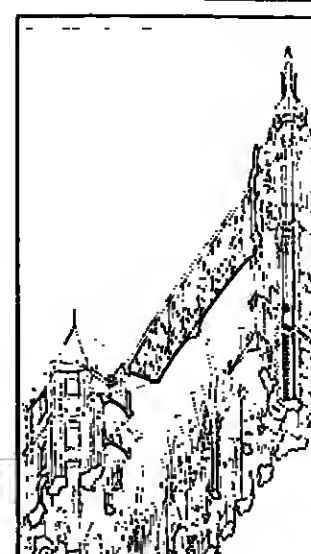
architecture, were also thought-provoking and provocative. An English translation has been available from Academy Editions, at a considerable price, so the publication of new paperback editions by Faber & Faber and Electa is to be warmly welcomed.

Each volume has been designed to fit a square format, rather smaller in size than the original series, and some colour photographs have been incorporated. Three of the eight books have each been divided into two, so the series consists of 18 parts. The first titles to be published are *Antique architecture*, *Classical architecture*, *Renaissance architecture* and *Late baroque and rococo architecture*, with *Andean, Aztec and Modern* following later this year.

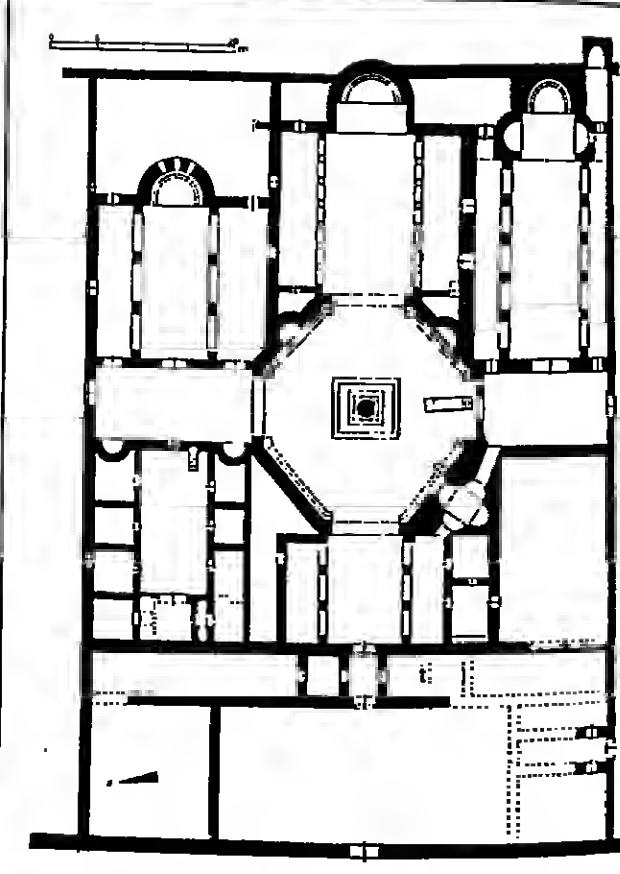
Each volume costs £12.95, the whole set will amount to £233.10 by the time publication is complete in 1989.



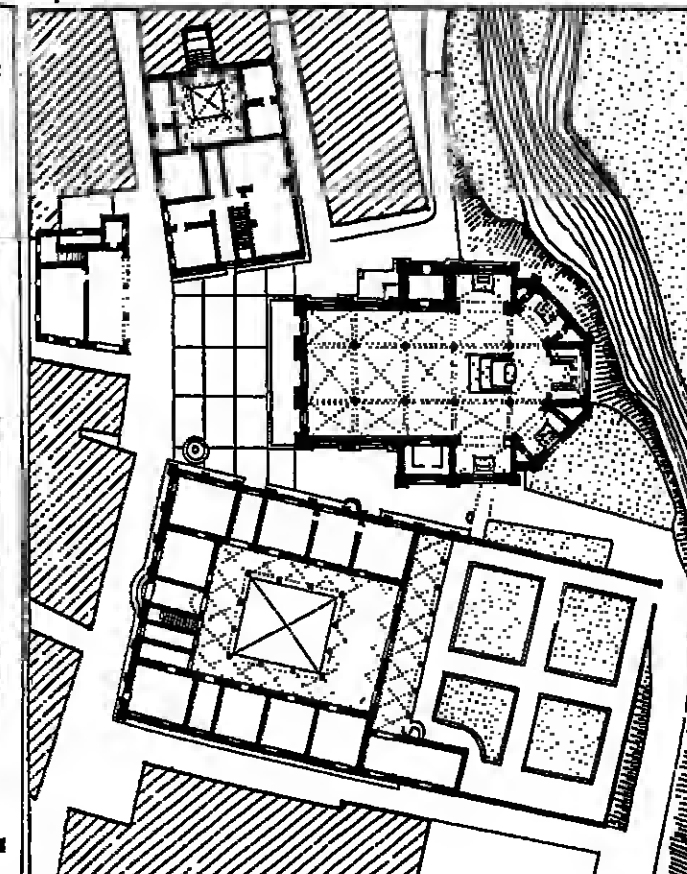
Noyon Cathedral, transverse section.



Vierzehnheiligen pilgrimage church.



Monastery of St Simeon Stylites the Younger, near Antioch.



Plan of central part of Pienza.

Politics of the holiday

By Hannah Vowles

The great museum - the representation of history, Donald Horne (Pluto Press, £5.95).

IN the prologue to *The great museum*, Donald Horne states that the book is intended for both specialists and non-specialists; that it "demanded enough boldness to pass over areas of expertise". He writes as a member of the public, and today's public (as Harold Rosenberg has described) is "sophisticated, eclectic and mentally mobile". He explores the book's subject, "tourism", as a metaphor for our condition of being both audience and participant, the agility with which we move between the roles of knowledgeable insider and naive spectator. The "re-presentation of history", museum culture, pervades our lives at all times and not just when we are "on holiday", thus mimicking our condition as tourists in our own home town.

The author (an Australian) visits every capital city in Europe (except Tirana) from Stockholm to Athens, Lisbon to Moscow. The book is not, however, intended as a comprehensive survey "but merely an offering of specimens" much in the same way as tourism itself operates, eclectically. He describes how parts of

Europe have been turned into museums of antiquated remnants of past cultures resurrected so richly and professionally that the people of those days would probably not even recognise their own artifacts. The concept of time (and history) has been distorted by this ultimate retrievability of virtually any phenomenon from the past, albeit in its "conserved" form - "nothing quite dies, but conversely, nothing is quite alive".

Each city and its landmarks - buildings, geographical features, history - have been transformed into monuments of meaning, meaning which can be changed with changes of power and which often bears little relationship to original intentions. In other words, the Parthenon was not built as a ruin celebrating Western civilisation, nor was the Trooping of the Colour ceremony designed for tourist pageantry, while London itself has become a monument (museum) to the collapse of Imperial ambition.

Horne has tried to relinquish abstract theorising, to tell the story as much as possible through the range of stereotypical tourist experience but also to indicate some of the ironies of this experience. An example of this is the cast-aluminium figure of a winged archer, known to tourists as Eros (the god of love) recently returned to its original London home, Piccadilly Circus, after cleaning. The figure is in fact the Angel of Christian Charity, erected in 1893 to commemorate the Earl of Shaftesbury's legislation which ended some of the worst exploitation of child labour.

The book also points to the

editorial decisions of museums, their choice of emphasis. Within Europe tourism reiterates the continuing legitimisation of male authority. With the exceptions of figures such as the Virgin Mary or Joan of Arc on the one hand, and, on the other, in painting and sculpture where they may be seen nude or partly nude, created as an object for the male gaze (as opposed to expressing female sexuality as in many non-European cultures) - women are simply not there. They make their appearance in useful supporting roles (dramatises of sturdy peasant women in museum reconstructions of peasant kitchens, for instance). The open-air folk museum in Copenhagen invites tourists to imagine the farmers' debate about their collective, democratic decisions. They are not encouraged to note the hierarchy in the way that the men occupy the comfortable seats at the communal table.

Horne asserts that the tourist experience is "interpretation of all that life in terms of the present" - the impossibility of our imagining any way of life other than our own, even when in its presence. We can only "see" what we already know in existing stereotypes, even to the extent that where this "knowledge" deviates from "authenticity", the modern stereotype will predominate, thus avoiding, for instance, the inevitable contrast in the face of our modern view of Classicism (that the Parthenon seen as an outline emerging from rough stone rather than as the original red, blue and gold paint) - "did the Greeks have bad taste?"

Architects are among the most dedicated of tourists. And they

endure the contradictions as happily as any. While on the one hand witnessing that meanings in architecture are subject to change by changing powers, they nevertheless continue to design with the idea of timelessness, that value may be inherent in an object (building).

The author says that before industrial societies there was no shared public culture. It was divided between ruling class display of the dominant ideology through cultural monuments and peasant wisdom, local and insignificant to the ruling class. Meanwhile, however, "painters used the peasantry to make paintings. The chauvinists of the great powers used them to justify their continued rule. Self-appointed patriots in the occupied lands used them to justify the overthrow of that rule. The peasants themselves did not see the paintings. Now their descendants can buy postcards of them in the shops in art museums".

He cites sporting ceremonies, fairs, expositions, ceremonies of nation and class, and voting rituals that "give magic to power".

In exploring this shared experience, showing that he is both tourist and theorist on tourism, Horne has applied Gramsci's theory of hegemony to show that because the common sense view has to be continuously won, reproduced and sustained, and represented when power changes hands, so consensus, and in particular its expression in our museum culture, can be fractured, challenged and overruled, demonstrating that the holiday business is a political issue.

Books



Printing house by Alvar Aalto, 1927.

Thirties appeal

By Ian Latham

Into the thirties: style and design 1927-1934, Klaus-Jürgen Sembach (Thames & Hudson, £8.95).

A PICTURE book first published in Germany in 1971, *Into the thirties*, has reappeared.

A thoughtful introductory essay prefaces some 120 illustrations covering architecture, design, graphics, industrial design and fashion within sections curiously entitled "Creating a style", "The photographers" and "Reaching the people".

The most appealing aspect to the volume is the chance juxtapositions across spreads that, for example, bring together silver cutlery by Emil Lette with the Tugendhat House in Brno and Corb's Cité Universitaire with A.M. Cassandre's poster for the L'Atlantique steamship.

Poster for electrical firm, A.M. Cassandre, 1931.



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Buildings in the front line

IN opening the recent International Fire and Security Exhibition at Olympia, Douglas Hurd MP, the Home Secretary, quoted some extremely sobering statistics concerning crime and fire. Last year, he disclosed, 3.6 million crimes were reported to the police, the culmination of an upward trend which has been evident since the mid-1950s. It is likely that this figure in no way represents the full extent of crime, because of the so-called "dark" figure which includes crimes which are unreported to the police. The Home Office British Crime Survey, published last year, estimated that 12 million crimes a year are committed.

In spite of the emphasis in the media on crimes against the person, 96 per cent of crime is directed against property of one sort or another — and within this category burglary plays a major role.

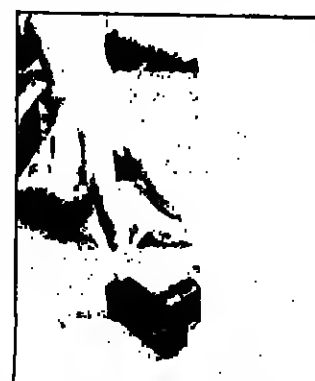
Turning to fire, Douglas Hurd quoted an estimate of the Association of British Insurers that financial losses from fire amounted to £1.5 million per day. Each year there are more than 50,000 accidental fires in the home, killing over 600 people and injuring nearly 7000 — and fires are by no means restricted to domestic properties. Fires in industrial and agricultural premises come in second place with 11,500 fires a year. One of the worrying trends is the increase in arson — last year about 25 per cent of fires in buildings other than dwellings were believed to have been started deliberately.

Buildings are clearly in the front line and the designer has an increasing responsibility to think security and fire safety.

Harold Hudson

For further information on the products on these pages, fill in and return the enquiry card.

Window film

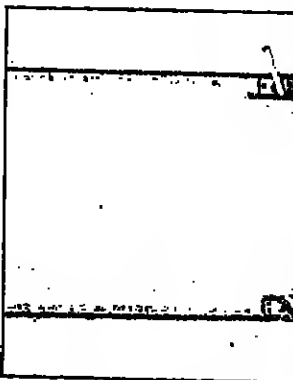


TWO properties distinguish the new tinted SH30PL Scotchint window film from 3M. Its opacity gives a degree of privacy to the occupants of a building, the effect being similar to that of acid etched glass. In addition this tough plastic film offers considerable shatter resistance, upgrading the glass to UK safety standard BS6206, Class B. SH30PL is applied to the inside of the glass and is a cost-effective method of converting ordinary glazing into obscured glazing or increasing safety.

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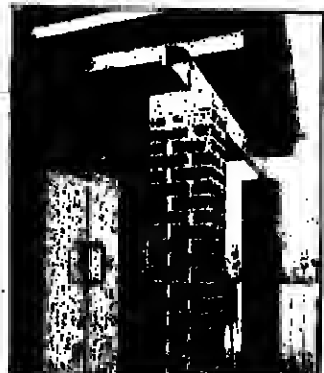
Invalid opener

FOR those whose reach is limited by old age or disability, the Duplex fastener from Albert Marston brings the operating handle to the bottom of the window. There are two lengths of fastener — 1020mm with the shoot bolt received by the head frame and 720mm bolting to the side frame. The cockspur bolt is made of manganese bronze and the shoot bolt is stainless steel, both finished in white polyester powder coating. The surface fixing of the Duplex fasteners makes them simple to fix.



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Vandal resistant doors



CONSTRUCTED with a core of high density chipboard, lined on both sides with laminated steel, Cape Duralsteel's Duralproof vandal resistant doors are finished in a variety of enamelled and epoxy paint coatings. They provide a half hour fire resistance, reduce airborne sound transmission and eliminate draughts. Cape Duralsteel is prepared to fit mortice locks, letter plates, spyholes, security chains, knocking plates and door closers to customers' requirements.

Enter 102 ON EXPRESS ENQUIRY CARD

Roof window

BASED on the Swedac design, Magnet and Southern's new roof windows have incorporated pivot hinges and frames, glazed with low emissivity Magnashield double glazing. Their sturdy pivot hinges allow the sashes to tilt inwards for safe and easy cleaning, and a childproof catch and variable opening arrangements give safe controlled ventilation. Flashings are supplied to enable the windows to be installed quickly with a minimum of fuss. There are eight standard sizes of roof window available.



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New products

Weathertight patio

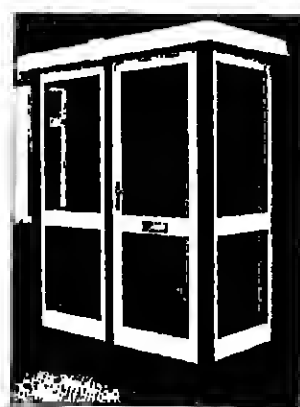


I.B. Plastic's new Sheerframe patio door is reputed to have achieved four times the severe weather rating in tests. It has just two main and four trim profiles. The outer frame depth of 112mm is the same dimension as that used for Sheerframe vertical sliding windows, so that right angle and variable bay configurations are possible. This in-line patio door will accept double glazed units between 20 and 26mm thick and can form a "balanced" patio style or direct glazed style using the same components.

Enter 104 ON EXPRESS ENQUIRY CARD

Insulated porch

IMPROVING the appearance of the property and reducing draughts, Therm-A-Stor's new insulated porch comes in a choice of window styles — Georgian, leaded or plain. Brass door furniture and low maintenance, white finished aluminium frames are standard to all patterns of porch, as is glazing in gas-filled sealed units containing toughened glass. Frames have a thermal break and are foam filled.



Enter 105 ON EXPRESS ENQUIRY CARD

Fire protection

CONTRA-FLAM 3810, the first in a new range of fire proofing materials, has been launched by Hempel's Marine Paints. This is a flexible cementitious fibre material which is designed to be applied to structural steelwork to protect it from fire (either conventional fire or hydrocarbon fire) and explosion.

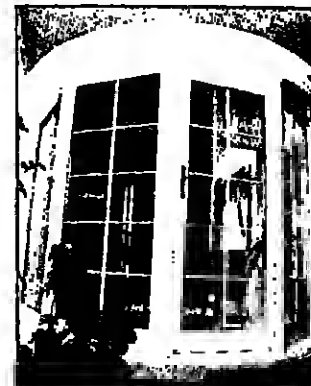
Contra-Flam is applied by a series of specialist contractors and can give up to four-hours fire protection. Its main advantages are lightness, it can be applied by spray to its full thickness without retention mesh and it can be easily maintained.

Under test, Contra-Flam has been shown to meet the H-123 requirements as set by the Norwegian Oil Directorate and is approved by Lloyd's Register of Shipping and Det Norske Veritas. It has also been tested by the Warrington Research Centre and FIRT on beams and columns and has been found to give fire protection in a conventional fire for up to four hours in accordance with BS 476: Part 8.

Enter 106 ON EXPRESS ENQUIRY CARD

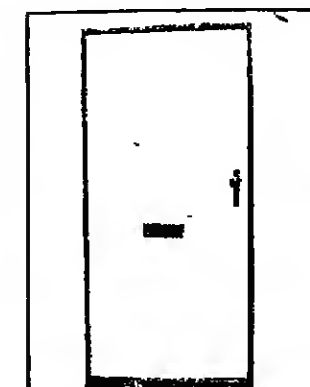
Home extension

Therm-A-Stor's new Garden Room is of a round bay design and can be supplied in a choice of sizes — five, seven or nine panels. Its framework is of white finished aluminium and its neo-Georgian windows are glazed in 20mm gas-filled sealed units with glazing bars between the two sheets of glass in make cleaning easier. Toughened safety glass, draughtproofed external door and a one-piece moulded and insulated roof are a few of the Garden Room's extra features.



Enter 107 ON EXPRESS ENQUIRY CARD

Insulated panel doors



MAINTENANCE-FREE solid panel doors with excellent thermal insulating properties have been introduced by Therm-A-Stor. Known as the Castle doors, they are constructed of two modified acrylic vacuum-formed outer skins with a foam core. The doors need no painting, are strong, rotproof and have anti-static properties which avoid the attraction of dust. Castle doors come in white and a choice of four styles. Two patterns of brass door furniture are available.

Enter 108 ON EXPRESS ENQUIRY CARD

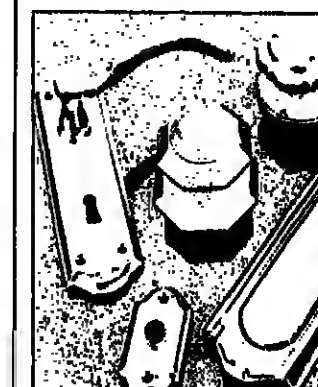
Interior doors

PATTON has launched six new Paragon continental interior doors manufactured in West African lignum with a colour and grain similar to light oak. Machined from solid wood, all paragon doors have oval moulded or straight top rails and are available in wood panel or glazed panel styles. Doors meet the requirements of BS 186: Part 2, 1971 and are supplied in two widths (2'6" and 2'3"), a height of 6'6" and thickness of 40mm. Paragon doors are also available in doorsets and in 3-single and 4-double leaf sizes.



Enter 109 ON EXPRESS ENQUIRY CARD

Door furniture

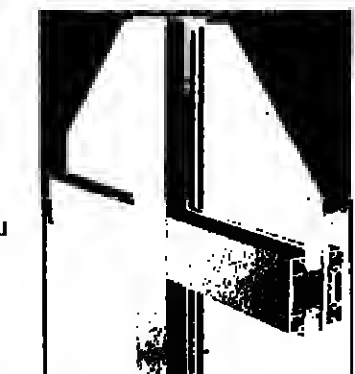


MERCIA is the name given to Valli & Colombo's new range of hall door hardware. Consisting of a lever door handle in lock and latch versions, a door knocker, bell push, letter plate and a choice of either octagonal or spherical door knobs, this set of furniture has been designed in Italy and is available in antique finish or a combination of polished and satin brass. Centre door knobs can be supplied in two sizes or as a mortice set in one size only.

Enter 110 ON EXPRESS ENQUIRY CARD

FR glazing

EI, EMEI A Pyrespan have developed Pyrespan AF40, a fully glazed system which has been fire rated for one hour in all three criteria — stability, integrity and insulation. The steel core incorporates an insulating break and the 20mm thick insulating glass is held between steel angles. The whole assembly is then clad with aluminium extrusions finished in drawn stainless steel, brass or bronze.



Enter 111 ON EXPRESS ENQUIRY CARD

Decorative mirrors



RANKINS (Glass) has launched a range of decorative glassware including authentic copies of period mirrors, all hand-bevelled and hand engraved. Reproductions include Victorian mirrors in traditional gilded frames and a new full-length Art Deco mirror (illustrated), incorporating black glass and shown in the Future House 2000 of this year's Ideal Home Exhibition. Many mirrors are available from stock; special orders can be handled in about three weeks.

Enter 112 ON EXPRESS ENQUIRY CARD

Glazing package

NORTON Performance Plastics has put together a package of glazing accessories which contains a number of useful products. There is Norsel — a range of PVC and PU foams in a variety of widths, thicknesses and densities with an adhesive coating on one side; and there is Norouni, a similar product with two sides adhesive-coated. Norton also supplies the A30 range of butyl tapes, Novatherm for edge sealing multiple glazed units and PTFE glass cloth.



Enter 113 ON EXPRESS ENQUIRY CARD

Insulated doors

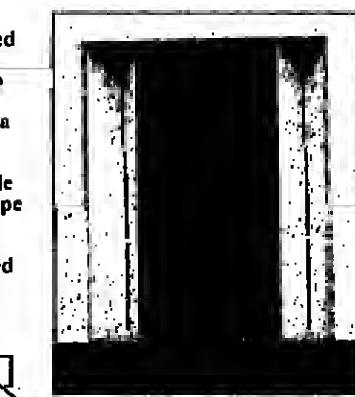


BOSTWICK's insulated overhead doors have an attractive flush appearance on both faces, can be electrically or hand operated and have a standard finish of polyester resin coating. The sandwich panels have a core of high density polyurethane and facings of cold rolled galvanised steel sheets. Weather seals are fitted into the top and bottom edge trims and flexible seals close the clearance gaps between the door head and inside face of the lintel.

Enter 115 ON EXPRESS ENQUIRY CARD

Sliding doors

FOR openings up to 4,800mm x 6,000mm, the new Bifold insulated sliding folding door from Heston Door consists of two pairs of vertical panels, hinged together. Each pair is hung from a jamb and slides and fold aside to stack behind the jamb to leave a completely clear opening. A single pair of panels would normally cope with door widths less than 2,400mm. With a U-value better than 0.5, each panel is constructed of roll-formed galvanised steel sheets bonded to expanded polystyrene.



Enter 116 ON EXPRESS ENQUIRY CARD

Versatile window

LATEST from the Schuco stables comes the Vartan 60S range of uPVC windows with narrow sightlines and inward, outward and tilt and turn opening formats. These windows make ideal replacements for old wood windows and are supplied in white or mahogany wood grain finish. There is even a pattern of window which looks like a vertical sliding sash but is a tilt and turn window.

For further information on the products on these pages, use the pre-paid enquiry card.

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Imagine a leisure pool which, at the touch of a button, can be made to provide all the swell, surf and excitement of a sunny ocean beach.

- Barr & Wray can turn imagination into reality with Sea Maker - the new wave generator which can produce any size and shape of wave cleanly, safely, and under total control.
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Write or phone us for colour literature and full details on Sea Maker now, and start making waves in your leisure pools.

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22/26 Upper Mulgrave Road, Chess
Surrey, England.
Telephone: 01-643 0724.
Telex: 8814776. BAWRAY.G

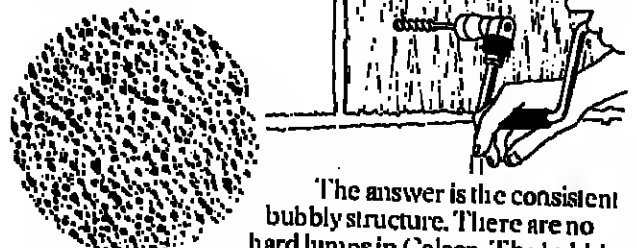
Barr & Wray
LEAD THE WAY

Enter 28 ON EXPRESS ENQUIRY CARD

BUILD BY THE BOOK WITH CELCON



One of the boring facts about Celcon is that you can do just that. Using a hand drill, or just an old-fashioned brace and bit, neat round holes can quickly be drilled through the full thickness of either Standard or Solar material.



The answer is the consistent bubbly structure. There are no hard lumps in Celcon. The bubbles are so small that they never become full of water. This gives rise to another boring fact: the blocks are almost waterproof.

Waterproof doesn't mean vapour-proof. This means that provided it's warmer on the inside of your Celcon built house than on the outside, moisture laden air will constantly travel outward. The block and the wall can breathe.

Breathing is an important thing to be able to do when a fire breaks out. With 100 mm. of Celcon between you and a conflagration, four hours could elapse before the air got too hot for your lungs to handle.

There is no magic in this; it's the simple thing that happens when you combine good thermal insulation with non-combustible ingredients.

Good thermal insulation is something the Building Regulations demand. The 0.6 standard can still be met by a real cavity brick wall provided the inner leaf is of 125 mm. Celcon Solar.

The fact that Celcon can be cut with a saw means that messy bodge which usually passes for a reveal at window

openings can neatly be built with clean-cut Celcon fractions. Light though it is, Celcon Solar has a strength of 2.8 Newtons per square millimetre. Celcon Standard exceeds 4 Newtons per square millimetre and Celcon High Strength, 7 Newtons per square millimetre. In practice this means you can build a block of three-storey flats entirely from Celcon, including the walls below dpc.

Celcon blocks are made in big batches. They are loaded and unloaded mechanically in 1½ cubic metre units. This makes for very fast, safe handling.

For the stockist and his small job customers, Celcon is shrink wrapped into small easily fork-lifted Handitaks.

The blocks are selected for these packs and totally enclosed in the factory so they come out dry and undamaged when the bricklayer unwraps them.

These are just a few of the useful bits of information you'll find in the Celcon brochure. A copy of the book is yours for the asking. Even when you've got it, don't forget the Celcon representative is always nearby ready with his fund of knowledge and practical experience or to take your problem to the Celcon technical service.

Clip the coupon, then you will have your own book of knowledge on Celcon.

Send coupon now to Celcon "Book of Knowledge Dept", Celcon House, 289-293 High Holborn, London WC1V 7TH for FREE copy of Celcon Technical Handbook.

Name _____
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Company _____
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CELCON
BUILD A REPUTATION

Head Office and Southern Region Sales Office: Celcon Limited, Celcon House, 289-293 High Holborn, London WC1V 7TH. Telephone: 01-242 9776.
Northern Region Sales Office: Celcon Limited, P.O. Box No. 2, Power Station Road, Rugeley, Staffordshire. Telephone: 08894 3421.

New products

New facings

BAGGERIDGE Brick, one of the few remaining manufacturers of genuine Staffordshire Blue bricks, has just introduced two new facings — the Kingsbury Richmond Mixture and Kingsbury Regency Blend. Both are high density facings with low water absorption. The Richmond is a light multi-colour brick in shades of red with blue flashing and the Regency is a dark multi-colour range in varying shades from red to blue. Both are Etruria marl bricks.

Enter 117 ON EXPRESS ENQUIRY CARD

Pelmets

OAK HILL Products has introduced a range of solid timber curtain pelmets in pine and teak with fascia depths of 110, 120 and 130mm. Prefabricated end pieces are supplied and the 20 different styles and finishes all come complete with fixing brackets for assembly in a few minutes. They can be supplied with a timber top shelf incorporating a dual curtain track or a simple fixing bracket for use with existing tracking.

Enter 118 ON EXPRESS ENQUIRY CARD

Switch plates

SWITCH and socket plates and other electrical ancillaries have been added to the Heritage Brass collection of M. Marcus. Christened the Adam Suite, the new range consists of one, two, three and four gang switches, dimmer switches, two amp/three pin sockets, single and double blanking plates, spur units, cooker control switches, shaver outlets, telephone jack outlets and tv sockets. Switches and sockets have rocker switches in white, brown or brass finishes.

Enter 119 ON EXPRESS ENQUIRY CARD

Safety lock

DESPITE providing a high level of security the new Brondool range of locks from Electrolok have a built-in safety device which automatically releases the lock when high temperature, smoke or burnt gases are detected by the appropriate sensors. If required, the release device can be connected to existing alarm systems and can also be operated from a central control at the push of a button.

Enter 120 ON EXPRESS ENQUIRY CARD

Fire detection

USING advanced micro-computer technology, System 3400, the new fire detection system introduced by Gent, is designed to combine accurate and efficient responses to fire with easy and flexible installation. Addressable sensors and sounders are all wired on the same two-core cable loop. In addition, Gent has developed a new range of analogue fire sensors for use with the System 3400. These continuously monitor their surroundings.

Enter 121 ON EXPRESS ENQUIRY CARD

Single person entry

CIRCLELOCK 22 is a single person access booth marketed by GHPA Security. It is fitted with up-to-the-minute electronic technology and a weight sensor in the floor which prevents "tailgating". Available in a wide variety of architectural finishes, with various levels of armour, Circlelock 22 can be fitted with an ACE card entry system and — new this year — a hands-free card system with a voice-over rejection message.

Enter 122 ON EXPRESS ENQUIRY CARD

New products

Security spikes

MANUFACTURED in galvanised steel or high impact plastic, the Rotatory Cacti Spikes from Hercules Security Fabrications provide a highly effective anti-vandal device which can be welded to or embedded in the top of fences and walls. A spiral hardened steel nail prevents the removal of any spike and the plastic version is supplied in a wide range of colours.

Enter 123 ON EXPRESS ENQUIRY CARD

Pick-proof lock

TWENTY-THREE million possible key combinations are claimed for the new Union Medeco cylinder lock from Josiah Parkes & Sons. In addition, it is said this innovative cylinder lock is unpickable. Conventional cylinders unlock by the raising of a number of spring-loaded pins to form a shear line between barrel and body; the Medeco works by raising and rotating the pins to various predetermined positions to allow alignment of a sidebar.

Enter 124 ON EXPRESS ENQUIRY CARD

Seamless gutters

HAVING developed a roll-forming machine specifically for use on site to purpose-made replacement roof gutters, Peterborough Seamless Gutters is in the business of supplying and fixing a wide range of standard or special gutters. Widths vary from 100mm to 1400mm and thicknesses of aluminium from 0.6mm to 2mm. All PSG gutters are covered by a 25 year guarantee.

Enter 125 ON EXPRESS ENQUIRY CARD

Survey markers

SHORING Products of York has introduced the Feno-Mark — a device which can be used to create permanent survey points in green field sites. Comprising a coloured Polypropylene top and a steel tube spike, the device is driven into the ground using a special tool. This is then removed and with a second tool the three steel prongs inside the tube are driven outwards to form a secure fixing for the spike like the roots of a tree.

Enter 126 ON EXPRESS ENQUIRY CARD

Air-conditioners

SMALL-SCALE packaged air-conditioners designed for rapid installation, particularly in refurbishment schemes, have been launched by Trane (UK). Up to 200 combinations are available for cooling only or reversible cooling/heating applications in the 2 to 70kW rating band. Split systems, single package unit and small chillers for indoor and outdoor use are included. Featured is the silent running, three speed TCM 709 wall mounted unit.

Enter 127 ON EXPRESS ENQUIRY CARD

Wall ties

DIFFERENT types of insulation-retaining wall ties have been introduced by Harris and Edgar which are die-stamped from 24 swg stainless steel and specially profiled to give high compressive strength. Hema 100/90 is for use with rigid cavity insulation board and Hema 100/95 for fibre wall slabs. Each tie has a polyethylene disc in its central section which slides into position, during installation, to retain the insulation in position.

Enter 142 ON EXPRESS ENQUIRY CARD

COMPUTER AIDED ROOF DESIGN...

'Trussfae', the truss fabricators' computer system from Bevplate, is now available in a new version to comply with the latest BS5268 Part 3. 'Trussfae' will automatically deal with every aspect of trussed roof design, from roof layouts complete with bracing, through calculations to detailed drawings, all produced simply and swiftly.

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For your free information pack, which includes our latest set of Technical Data Sheets, contact: Brian Day, Sales Manager, Bevplate, Rectory Farm Road, Sumpston, West Sussex BN15 1DP. Telephone 0903 763 156. Telex 877585.

Bevplate

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Creators: Peter Burgess, Council, Department of Architecture and Town Planning, Main Contractor: W. E. Chivers and Sons Ltd.

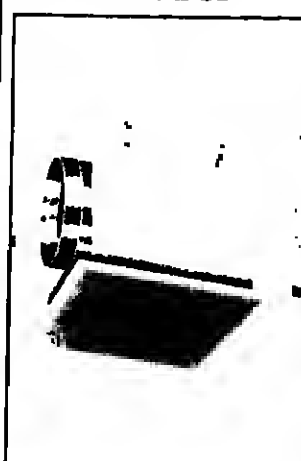
New products

Big baths



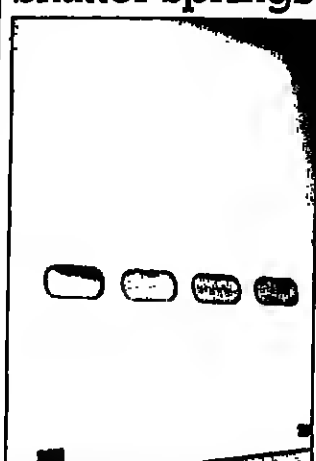
LUXURY in limited space — this is the design philosophy of the new Kallista bathtubs from Kallista, available in this country from Max Pike. Supplied in two sizes, 1,500mm x 1,050mm and 1,500mm x 950mm, these baths are made from Annacryl — a proprietary material which combines acrylic and reinforced polyester to give strength and rigidity. Annacryl is considerably thicker and more durable than any comparable bath material. The bathtubs are available in any custom colour.

Air diffuser



DESIGNED mainly for fitting in the suspended ceilings, Trova Brothers' Type DLQ-L diffuser has two holder sizes (111 and 27mm). It can be used in rooms with ceiling heights from 2.6 to 4m and gives a horizontal air discharge over flat continuous surfaces. When installed in existing ceilings, it is a simple matter to connect the DLQ-L to spiral or flexible air ducts. A variety of models are available to satisfy most installation conditions.

Shutter springs



CONTROL springs for security grilles, roller shutters and industrial doors are supplied by Salter Springs and Pressings. Its new range contains eight standard springs — three cover the hand-push security grilles and five the range of industrial doors. All eight springs are held in stock in regional centres throughout England and Scotland. All the springs are supplied open-coil for easy assembly and have undergone special treatment to improve their fatigue resistance.

Screwdriver

UNLIKE most power tools, the new Twist rechargeable screwdriver from Skid does not have a "pistol" handle, but an in-line handle, much like a non-powered screwdriver. Light in weight (400g) and about the same length as many ordinary screwdrivers, the Twist screwdriver has a forward and reverse action which can be changed at the flick of a switch. Twist has a no-load speed of 130 rpm and is supplied with a 220/240v three pin battery charger for the two integral nickel cadmium 1.2v cells.



Portable phone

SAID to be one of the first cellular phones to combine true portability with Class 2 mobile capacity, the Roamer from Tactico Cellular Radio Services has many advantages for those working in the building business. It fits easily into the hand, pocket or briefcase, and can be clipped on to a belt or used as a car phone fitted into a charging mounting. Powered by nickel cadmium batteries, Roamer offers one hour of transmission and eight hours of receiving time.

Fire look-alike

GAS flames now give the Baxi Bermuda LFE an even more beguiling live-fuel effect. With a wide range of gas fire fronts for the Bermuda back boiler, the new LFE model, called the Bermuda LFE1, has independent illumination when the gas is off and a dark sculptured wood surround for good year-round appearance. Maximum heat output is 3.8kW with a control knob and gives high, medium and low settings, plus off and pilot setting. Dimensions are 713mm high, 897mm wide and 295mm deep.

22 ON EXPRESS

PLUMBER'S PIPE DREAM

A dream come true. Hunter have made Bathroom and WC plumbing easier and faster with the new S200. Offering a four option waste inlet, the S200 can be connected above floor level to WC and Waste Pipes. Fitting neatly against walls or snugly into corners, it ensures a secure fit with the minimum of effort. Good news for everyone in the building industry from the company that's known for its wide awake ideas.

HUNTER

Nothing moves faster

Hunter Building Products, (A Hunter Group Company), Platten Way, London SE28 6AL. Tel: (0) 255 6351

Technical literature

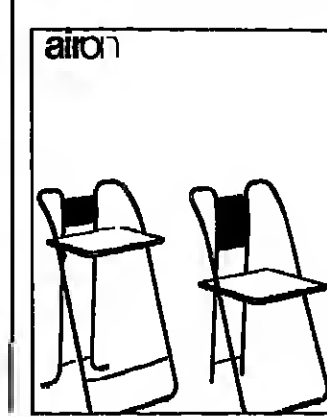
Under-eaves strip



MARLEY Waterproofing has published a two-page leaflet giving technical data concerning its recently launched Eaveguard eaves under-eave strip. This is a tough, non-resinous under-eave strip, manufactured from tough, non-resistant bitumen polymer membrane which is more robust than the conventional under-eave felt and has a longer life expectancy. It is totally compatible with bituminous felt, but not with plasticised PVC and pitch-polymer membranes.

Enter 134 ON EXPRESS ENQUIRY CARD

Metal furniture



PRODUCED in Italy, the Airon range of hi-tech metal furniture is being launched in this country by Link Imports, and is being supported by an 88-page glossy multilingual brochure. It is a coordinated, highly coloured functional range of tables, chairs and accessories — even down to hat and coat stands. It will suit a variety of commercial and contract environments, from wine bars to office reception areas. There is a choice of fine colours and chrome.

Enter 138 ON EXPRESS ENQUIRY CARD

Steam traps



FOLLOWING an introduction to Bestobell's steam trap principle of operation, the new brochure, *Bestobell steam trap and system testing catalogue* collates details of the company's full steam trap range for mains drainage and critical tracing for process and space heating and for heating pressure services. It also covers system testing and monitoring with details of the Bestobell Steamtech and Steam Trap Monitor.

Enter 140 ON EXPRESS ENQUIRY CARD

Plastic sheet

MANY varied applications for TBA Industrial Products' reinforced thermoplastic sheet materials — Duraglas and Duraglas — are contained in a new 12-page brochure. Particular attention is paid to the use of these Class 0 materials in areas of great sensitivity with regard to hygiene — kitchens, food preparation areas, laboratories, restrooms and fast food outlets. Duraglas and Duraglas are suitable for infill panels, cladding and the construction of fascias.



Enter 135 ON EXPRESS ENQUIRY CARD

Doors and partitions



AVAILABLE in this country through Colehual, the RP door and partition construction system, developed by Mannesmannröhren Werke of West Germany, is the subject of a new 20-page brochure. RP tubing, on which the system is based, is suitable for constructing frames with high torsional strength and it can be satisfactorily used to make fire resistant partitions. The brochure gives assembly instructions, as well as specification details.

Enter 136 ON EXPRESS ENQUIRY CARD

Louvres

CLASS (Computerised Louvres and Screening System) louvres, manufactured in extruded aluminium by Airstream Environmental Products, were the result of two years of exhaustive research and development. Now Airstream has published a new full-colour, four-page leaflet dealing with Class louvres, which contains details of the Griplock fitting system, which minimises installation time.



Enter 137 ON EXPRESS ENQUIRY CARD

Spiral Staircase Systems

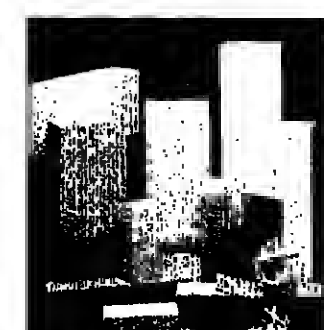
THE MILL, GLYNDE, LEWES, SX. SN7 8SS
Tel. 078168 341



Enter 133 ON EXPRESS ENQUIRY CARD

Aircrete bureau

A NEW brochure has been published by the Aircrete Bureau, the publicly wing of the Autoclaved Aerated Concrete Products Association. This sets out to outline the benefits and uses of Aircrete — the newly-adopted generic name for autoclaved aerated concrete. Anyone requesting a copy of *Aircrete, the lightweight block* will have his or her name entered into a free draw to take place in December. The winner will receive a Thomas Cook holiday voucher worth £600.



Enter 139 ON EXPRESS ENQUIRY CARD

Concrete literature

THREE of the new set of product leaflets which are scheduled for production by Francis Concrete have made their appearance. These deal with the F Series flooring system, consisting of prestressed beams and hollow concrete infill pots; the M Series of machine-formed precast and prestressed hollow concrete planks in four depths from 100mm to 250mm; and precast precast concrete components, such as terrace units for sports stadiums, balconies, staircases, eaves and beams.



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TIME TRAVELLER...
THAT'S VULCANITE

Born from a century of experience, Vulcanite High Performance Roofing Systems are designed to stand the test of time. Their endurance is second to none. So you can sleep easy with your confidence and rest easy at night. They're the best and most reliable for details of our literature. Ask for a free literature service.

Vulcanite Limited, 10, Church Street, London WC1E 7JL. Tel: 01-252 4444. Telex: 252 444. Cable: 252 444. Fax: 01-252 4444.

DESIGNED TO STAY ON TOP IN ROOFING

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This Week's Advertisers

USE EXPRESS ENQUIRY CARD OPPOSITE

The enquiry card opposite is a simple easy way to obtain information on manufacturers' products or literature in this issue. Postage is FREE and we pass your enquiry on to the manufacturer within 24 hours of receiving it. The number of enquiries and the quality are a barometer for advertisers to gauge how Building Design performs for them. So make sure that any product or service you need information on you use this card.

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ARCHITECTURAL ADVISORY SERVICE
CENTRE Enquiry no 5
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This week

Monday

Building defects, seminar organised by Legal Studies & Services Ltd. Venue: Royal Lancaster Hotel, London W2. 9am-5.15pm. Cost: £160 plus VAT. Details: Jacques Bousch or Majella Denney, Legal Studies & Services, 01-216 4080.

Monday-Tuesday

John Costabile and the Living Landscape, course organised by the Victoria & Albert Museum. Venue: Apse Theatre, Victoria and Albert Museum, London SW7. Cost: £20. Details: Andrea Asprey, Education Dept, 01-589 6371.

Tuesday

Taylorian and Modern Architecture: some lessons for the history of design, a talk by Adrian Forty. Venue: RIBA, 66 Portland Place, London W1. Cost: £1 to members and students, £2 to visitors. Details: Hilary King, 01-580 5533.

Tuesday

A Country House Day at Arbury Hall, Warwickshire. Venue: Arbury Hall, Warwickshire. Cost: £25. Details: The Design Academy, 01-708 1976.

Tuesday

Dur d'les, conference organised by the Midlands Study Centre. Venue: RIBA, 66 Portland Place, London W1. 9am-5pm. Cost: £10. Centre subscribers £100. Details: Midlands Study Centre, 021-434 2008.

Tuesday

The housing landscape in the South of England: a field of vision seminar organised by the Town & Country Planning Association. Venue: Castle Hotel, High Street, Windsor, 10am-4.30pm. Cost: TCPA members £60 plus VAT, non-members £85 plus VAT. Details: Sally Scarlett, TCPA, 01-930 8903.

Tuesday

A demonstration of ECG Computer System's computer packages for the building industry. Venue: Building Centre, Store Street, London WC1. 11am, 2pm and 4pm. Details: ECG Computer Systems, 01-368 7345.

Wednesday

Design and defects liability, seminar organised by Wynion Services Ltd. Venue: Freshbury Suite, Rastons, Cheltenham. Cost: £25 plus VAT. Details: Penny Jackson (0242) 582 720.

Wednesday

The civil engineering standard method of measurement, seminar organised by Liverpool Polytechnic. Venue: Clarence Street building of Liverpool Polytechnic. Cost: £20. Details: Anne Roberts, Faculty of Continuing Education, Liverpool Polytechnic, Clarence Street, Liverpool, 051-207 3581 (ext 2601). 2601.

Wednesday

An introduction to interactive video, presentation organised by the Centre Educational Resources for the Construction Industry. Venue: Building Centre, Store Street, London WC1. Details: 01-637 1022.

Wednesday

Design and performance of structural timber joints, seminar organised by the Timber Research & Development Association. Venue: Imperial College, London. Details: Iona Oodard, (0204) 24 3091.

Thursday

A policy for interprofessional work, conference organised by Birmingham Polytechnic faculty of Building. Venue: Birmingham Polytechnic. Details: 021-356 9193.

Thursday

Until May 30
London Furniture Designers
organised by the SPS Gallery.
Venue: SPS Gallery, 26-28 Cranmer
Street, London W1M 3JE.
Details: Robert Maxwell, 01-486 3563.

Until May 31

The history of photography, study

Until May 23

Festival of Ulster design.
Venue: Local Enterprise
Development Unit, Belfast.
Details: Dennis Babes (0232) 691 031

Until May 17

Exhibition of entries of the New
Council Office, Angel Yard Site
competition. Venue: Architect/
Developer Competition.
Venue: Moot Hall in the Town
Hall, High Street, Colchester.
Details: 10206 712 542.

Until June 12

High Buchanan's Assault on the
Baroque in Watercolour.
Venue: Francis Kyle Gallery, 9
Maddox Street, London W1.
Details: 01-499 6870.

Until May 28

Exhibition of the entries in the
recent design competition for a new
High Commissioner's residence in
Kuala Lumpur organised by the
Foreign Commonwealth Office.
Venue: Second Floor Landing,
RIBA, 66 Portland Place, London
W1. Monday-Friday 10am-6pm.
Details: 01-580 5533.

May 31-July 5 (Saturday mornings
only)

20th century embroidery, course
organised by the Victoria & Albert
Museum.
Venue: V&A, 11am-5pm.
Details: Victoria & Albert
Museum, London SW7 2RL.
01-589 6371.

June 17-19

Structures 86 show.
Venue: Wembley Centre.
Details: Project Presentations Ltd,
Victoria House, Vernon Place,
London WC1, 01-242 3621.

June 18-August 26

Spin-offs, exhibition showing the
most recent developments from
textile manufacturers and designers
for the clothing industry.
Venue: Design Centre, 28
Haymarket, London SW1.
Monday and Tuesday 10am-6pm,
Wednesday-Saturday 10am-6pm,
Sunday 1-6pm.
Details: 01-839 8000.

May 20-July 20

Working with light, a look at
contemporary stained glass in
architecture, exhibition.
Venue: The Maritime Museum
Square, Maritime Quarter,
Swansea. Open daily 10.30am-
5.15pm.
Details: 01-607 9191.

Until May 31

29 years on.
Venue: Design Centre, 28
Haymarket, London SW1.
Monday-Tuesday 10am-6pm,
Wednesday-Saturday 10am-6pm,
Sunday 1-6pm.
Details: 01-839 8000.

May 28

Recent developments in tourism and
leisure, seminar organised by the
Tour & Country Planning
Association.
Venue: The Royal York Hotel,
York. 10am-5pm.
Cost: TCPA members £60 plus
VAT, non-members £85 plus VAT.
Details: Sally Scarlett, TCPA, 01-
930 8903.

May 28

Urban Design Group Annual
Lecture.
Venue: Chemistry Auditorium,
Imperial College, University College
London, Oron Street, London
WC1 at 6pm.
Details: Lawrence Revell, 01-226
1234 (ext 3270).

May 29

New roofs and old: an essential
update of design practice, seminar
organised by the RIBA Services
Ltd.
Venue: The Connaught Rooms,
Oron Street, London WC2.
9.30am-4.30pm.
Cost: RIBA Members £118 plus
VAT, non-members £130 plus
VAT.
Details: Charlotte Dale, RIBA
Services, 01-637 8991.

May 29

Structural adhesives, conference
organised by IAL Consultants Ltd.
Venue: Rubens Hotel, London.
Details: Sharon Meaton, IAL
Consultants, 14 Buckingham
Palace Road, London SW1, 01-828
5036.

May 30

Thatching, seminar organised by
the Thatching Advisory Service.
Venue: Thatching Advisory
Service, 29 Nine Mile Ride,
Finchamstead, Nr Wokingham,
Berkshire. 9.30am-5.30pm.
Cost: £65 plus VAT.
Details: Teese Blair (0734) 734 203.

May 30-31

Working in a percentage.
Venue: RIBA, 66 Portland Place,
London W1.
Cost: £25 per day.
Details: RIBA, 01-580 5533.

May 31

The history of photography, study

Dateline

Items for consideration must be received 10 days prior to publication



May 17-June 5: David Pye: an exhibition of his work organised by the Crafts Council Shop. Venue: Crafts Council shop, Victoria & Albert Museum, South Kensington, London SW7. Details: Clare Bosh, 01-930 4811.

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Details: RIBA, 01-580 5533.

May 31

The history of photography, study

June 20-27
Royal Academy Schools Final
exhibition sponsored by Winsor &
Newton.
Venue: Royal Academy of Arts,
Piccadilly, London W1.
Details: 01-734 9052.

July 10-11

City Heritage — burden or benefit,
conference organised by the City of
Newcastle upon Tyne in
association with English Heritage
and the English Tourist Board.
Details: City Planning Officer,
Newcastle City Council, Civic
Centre, Newcastle upon Tyne, NE1
8PE. (0632) 328 520 ext 6102.

June 11

Structural glazing, a conference
organised by Dow Corning.
Venue: RIBA, 66 Portland Place,
London W1.
Details: Admission free, by
personal invitation upon
application to Steve Lucas, (0565)
4911/34616.

July 12-August 31

Philip Wilson Sleeps paintings and
watercolours, exhibition organised
by the Fitzwilliam Museum and the
Arts Council.
Venue: Cartwright Hall, Bradford.
Details: (0274) 493 313.

August 24-29

The First International Conference
on Lightweight Structures in
Architecture, organised by
Unisearch Ltd and Lightweight
Structures Research Unit, School

of Architecture, the University of
New South Wales, Australia.
Venue: The University of New
South Wales, Sydney, Australia.
Cost: Basic registration fee for
delegates and presenters is \$35
Australian dollars and for an
accompanying person and for
students, \$50 Australian dollars.
These figures do not include the
cost of programmed events or
accommodation.
Details: Conference Tours LSA '86
Secretariat, Unisearch Limited,
Secretariat House, 221-227 Anzac
Parade, Kensington, NSW 2033
Australia.

People

Ove Arup & Partners, Scotland,
announce that Derek Blackwood
and David Collyer have been
appointed as directors. Jack
Caracas, Fred Robinson, Peter
Meenan and Brian Vailich have been
appointed as associates.

John Taylor & Associates announce
the appointment of Peter Tunwell
as associate.

Abbey Haas Rowe Partnership
announce that Jon Hirst and James
Handley have been appointed as
partners and David G Collins has
been appointed company
secretary.

Paul Evans (Design) Associates Ltd
have moved to new premises at
29-31 Cowper Street, London EC2A
4AP. 01-253 2277.

Architectural & Construction BOOKSHOP

The books listed below are available through the Architectural & Construction Bookshop. A special service to readers provided by Morgan-Grampian Construction Press.

1. The Fireplace Book by Rosanna McDonald. A practical guide, encompassing both functional and aesthetic considerations, to fireplace design, maintenance and restoration. Price £10.95.

2. Building Regulations Explained and Illustrated (Seventh edition) by Powell-Smith and Billington. Covers the new 1985 Regulations for all building types in England and Wales, with extensive illustrations and references to regulations and Approved Documents. Price £14.50 (paperback) £21.75 (hardback).

3. Hotel Planning and Design: a guide for architects, interior designers and hotel executives by Walter A. Rutes and Richard H. Penner. Identifies the key opportunities in this field and analyses the planning and design criteria for nearly 30 different hotel types. Specialized and up-to-date guidance unavailable elsewhere. Price £49.50.

4. Contractor's Claims: An Architect's Guide by David Chappell. Explains how to avoid situations which give rise to contractor's claims for delays or expenses, and how to deal with them when they do arise. Price £15.35.

5. The Architect's Guide to Fee Negotiation by Ray Mosley. Competitive fee tendering has now become a reality of architectural practice. This book sets out all the items that have to be negotiated at each stage. Price £16.45.

6. Construction Project Management using Small Computers by Olen Peters. As well as explaining the principles of project management this book explains how they can be applied on small computers and which particular systems are most suitable. Price £15.35.

7. Legal and Contractual Procedures for Architects by Bob Greenstreet. New edition of this popular reference work which gives concise and simple guidance through the legal and contractual maze of everyday architectural practice. Price £9.85.

8. The Architect's Guide to Fee Negotiation by Ray Mosley. Competitive fee tendering has now become a reality of architectural practice. This book sets out all the items that have to be negotiated at each stage. Price £16.45.

9. Manual of Graphic Techniques by David Chappell. Explains the principles of drawing and presentation of plans, from interiors to elevations, site sections to sectional perspectives. There are black and white photographs and line drawings throughout. Price £9.85.

10. Specification 85 by David Martin. Eighty-second edition of this annual reference source for architects and specifications in the construction industry. Volume 5 is a comprehensive new volume devoted entirely to specification clauses. The six volume set is supplied in a library box. Price £27.50.

11. The Interior Design Workbook: A Job Record and Diary by David Fry. Fills a considerable gap in providing interior designers with a working log which sets out all the stages of an interior design project. Price £16.95.

12. Architect's First Year. A new paperback guide to the first year of practice. Price £16.95.

13. Standard Form of Building Contract (Second edition) by John Parry. Probably the leading text on JCT 80, this has been revised to cover major changes in the law on professional liability, retention monies and interest on unpaid sums. Price £19.75.

14. How Architects Get Work by G. Gidley. Explains practice, as well as into letting, tendering, etc. Price £10.95 (paperback) £15.35 (Cloth).

15. The Interior Design Workbook: A Job Record and Diary by David Fry. Fills a considerable gap in providing interior designers with a working log which sets out all the stages of an interior design project. Price £16.95.

16. Specification 85 by David Martin. Eighty-second edition of this annual reference source for architects and specifications in the construction industry. Volume 5 is a comprehensive new volume devoted entirely to specification clauses. The six volume set is supplied in a library box. Price £27.50.

17. Design Liability in the Construction Industry (Second edition) by D. L. Cornes. Includes extensive new material on the law of professional negligence including the latest cases after *Paveit*. Price £19.00.

18. All Hellman Brooks Loose. A hilarious book which contains over 150 of famous cartoonist Louis Hellman's most popular cartoons. Price £2.50.

19. JCT Intermediate Form of Contract: architect's guide by David Chappell and Vincent Powell-Smith. Practical advice for the architect, clearly set out in simple letters, flowcharts and tables. Studies the roles of each party involved and covers important topics such as claims and payment in depth. Price £19.80.

20. Construction Law Reports. A new series reporting decisions of the Official Referee Court which are binding on the whole industry. All members of the construction team must keep up to date. Price £45.00.

21. Architect's First Year. A new paperback guide to the first year of practice. Price £16.95.

22. Architect's Data by Ernst Neufert. Available for the first time in paperback, this well-known design guide offers over 400 pages of building types. Price £16.95.

23. Professional Liability by Ray Cecil. Written to advise, guide and horrify young architects of the alarming growth in claims arising from professional negligence. Well researched and highly readable. Price £17.95.

24. Architect's First Year. A new paperback guide to the first year of practice. Price £16.95.

25. Architect's First Year. A new paperback guide to the first year of practice. Price £16.95.

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Entries should be sent to Building Design Free Classified Service, 30, Calderwood Street, London SE18 6QH.

Entries can only be accepted on the classified service form which is included in each issue.

Rates for commercial advertisements will be supplied on request.

Building Design provides this free service to all its registered readers. This service is for individuals advertising in a personal capacity. AND NOT COMPANIES. Readers are advised to satisfy themselves as to the suitability of services and items offered. Building Design reserves the absolute right to amend any advertisement at the Editor's discretion.

Situations wanted

Due to delays in project instructions. South London practitioners have capacity to handle all types of work. Considerable experience in all aspects of project management. Immediate response and action. Tel: 089 8088.

AMERICAN ARCHITECT: with 20 years experience in architecture, interior design, planning and all types of building codes. A passion for

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BREWER SMITH & BREWER are looking for ARCHITECTS & TECHNICIANS

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If you have flair and imagination, enjoy challenging work, and seek career development opportunities, please apply in writing with your C.V. to:

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3 Bellevue Terrace Portsmouth Hants PO5 3AT
7a Burlington Arcade Old Christchurch Road Bournemouth Dorset BH1 2HZ

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Conservation of Scotland's Historical Heritage — an architectural challenge

ARCHITECT

This Edinburgh based post provides an opportunity to be involved in the survey, design and supervision of works of preservation and repair at ancient monuments and sites in State care in Scotland.

You must be a registered Architect. You may also be considered if you have applied for registration. A valid UK driving licence is essential.

SALARY: £8,500-£10,750 (currently under review). Starting salary according to qualifications and experience. Significant improvements in pay scales will take place over the next 3 years — in addition to normal annual pay increases.

For further details and an application form (to be returned by 6 June 1986) write to Scottish Office, Personnel Division, Room 110, 16 Waterloo Place, Edinburgh EH1 3DN or telephone 031 556 8400 ext 5131. Please quote ref T(4)60.

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The Civil Service is an equal opportunity employer.

SAUNDERS design.

The Saunders Design Company is a multi-disciplinary design practice which specialises in retail and commercial projects in the UK and overseas.

We are currently looking for ARCHITECTURAL ASSISTANTS/ TECHNICIANS

with some years experience in this field who are used to running their own projects from inception to final completion and who are fully conversant with current regulations.

Applicants will be expected to work on a wide variety of projects with the minimum of supervision.

Competitive salary packages will be offered to the right candidates.

Applications including C.V.'s should be made in writing to:

Alex Martin
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Bury Essex practice requires ARCHITECTS with minimum 3 years post part III experience.

Reply to:
Hobart Partnership Architects
Moultham Mill
Parkway
Chelmsford CM1 3JK
Tel: Chelmsford (0465) 59414

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DRAWING MANAGER

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We are an equal
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We now have a vacancy for a Drawing Manager in our Television Design Department, based at Television Centre, in West London.

You will be responsible for ensuring that drawings contain complete and accurate information for costing, construction and safety regulation purposes. Duties will also include: setting and maintaining a high standard of draughtsmanship in the Department; training Television Design Assistants in draughting; and ensuring that drawings are progressed, with priorities assessed.

You will need to be a professionally trained draughtsman, able to read and interpret drawings quickly. In addition, you will need the ability to acquire rapidly a knowledge of design and scenic construction procedures, including safety regulations and the ability to guide, motivate and manage staff.

Relocation expenses considered.
Contact us immediately for application form (quote ref. 7664/BD and a notice s.a.s.)
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Tel. 01-527 5765.

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Christine Harwood
Diamond Lock Grabowski and Partners
12 Sutton Row, London W1V 6AB

JOINT LANDSCAPE GROUP Technical Assistants (Landscape)

Scale 4/50.1 (£6,900-£10,638)

Experienced in the implementation of landscape contracts and with some drawing ability and experience.

Duties include surveys and supervision of contracts on site, assisting with tree preservation work and detailed drawings for schemes under the direction of Landscape Architects.

Application forms and job description from the City Planning Officer, Civic Centre, Newcastle upon Tyne NE1 8PE (tel 091 2328520 ext. 6105). Last date for receipt of applications 23 May 1986.

City of Newcastle upon Tyne

This is an Equal Opportunities Advertisement

Applicants are considered on the basis of their suitability for the post, regardless of ethnic origin, sex, marital status or disability.

QUALIFIED ARCHITECT

required minimum 5-7 years design experience, including project management and experience of fast moving commercial construction office of young designers with expanding commercial work programme.

Contact:
Robert Dixon
Dixon del Pozzo
18 Huntington Street
St. Helens, Merseyside, PF1 1BO
Tel: 0480 75746

ARCHITECT/ARCHITECTURAL ASSISTANT REQUIRED

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Written applications with CV, details of experience and salary requirements to:-

Graham Seabrook Partnership
Fir Tree House
38-40 Headstone Drive
Harrow, Middlesex HA3 3QT
01-427 4337

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We are seeking a Project Architect to undertake a variety of challenging projects which include major new build Housing, modernisation and improvements, and leisure projects including a new sports centre.

You should be a Registered Architect and a Member of the RIBA with some relevant experience. This post would be suitable if you are recently qualified and seeking further experience.

The position is based at Lewes, which is about 1 hour from London by train, and the District itself encompasses a coastal strip and a large area designated as of Outstanding Natural Beauty.

The position attracts an Essential Car Allowance, and a comprehensive Removal and Disturbance Scheme and temporary accommodation is available in certain approved cases.

Initially the contract would be for two years, reviewed at the end of that period on a basis of future work load.

For information discussion please contact Mr. K. Benyon-Tinker (Chief Architect) Lewes 471600 Ext. 284.

Closing date: 30th May 1986.

For further details and application form contact Lewes District Council, Personnel Department, 187 High Street, Lewes, East Sussex, BN7 2DE. Telephone Lewes 471600 Ext. 313 (24 hour answering service).

ewes DISTRICT COUNCIL

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You will be given responsibility for real working drawings of housing schemes. Everything that you draw will be built. You will have the opportunity to gain experience in some aspects of commercial and industrial buildings. Advance your career in this challenging role.

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12/14 Church St, Southampton SO8 1JH
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10 Victoria Street, Birmingham B2 5UJ

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ARCHITECTURAL PRACTICES required

The AAP Group
an affiliation of independent small/medium practices, two members of which have recently retired from the profession, now seek contact with interested practitioners to cover the Lincoln and Gloucester areas.

Telephone London office AAP
01-362 2033

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Must be innovative in approach and speedy in execution. Work ranging from sensitive full schemes to Collected Cities to large scale housing schemes on Oxoas.

Please apply in writing to:
G A DOWSE
Townscape Designs Ltd
Chartered Architects & Planning Consultants
The Old Boathouse
by Long, Canterbury, Kent CT1 1TU

SENIOR ARCHITECT/ ASSOCIATE

established firm seeks applications from experienced architects for senior position leading to associate/partnership subject to strict interview process.

Please apply with CV to:
Box No 7891
c/o Building Design
30 Calderwood Street
Woolwich, London SE18 6QH

Architectural Designer

Croudece Homes are seeking a person experienced in the design of low-rise residential units within the field of private or public housing development to join an established design team in busy and expanding company.

The applicants, who will be around thirty years of age and have RIBA or MSAAT qualifications, will prepare drawings from planning through to working details including special presentation drawings, and represent the company at planning meetings.

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Written applications please to:

Trevor Graves, Personnel Manager, Croudece Homes, Croudece Homes, Godstone Road, Caterham, Surrey CR3 6EX.

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The successful applicant will be required to work with a minimum of supervision on minor projects and assist Architects on large projects, both at Solihull and elsewhere within the Region.

Candidates should preferably be qualified MSAAT or equivalent with several years experience.

Benefits are those appropriate to a large progressive organisation including relocation expenses if appropriate.

Please write for an application form (returnable by 30th May 1986) quoting ref A/290/6 to: Senior Personnel Officer (H.Q.), British Gas West Midlands, Wharf Lane, Solihull B91 2JP.

An equal opportunities employer.

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required with initiative and several years office experience, to join a busy general practice with varied workload.

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William Westall Associates
Chartered Architects
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Please apply with CV to:
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The Robert Hitchens Group are looking for a SENIOR DESIGN/PROJECT MANAGER

We are a fast expanding Speculative Housing and Industrial Group based in Gloucestershire and require the following person to join our multi-disciplinary Design Department. The person we require must have the flair and capability to produce imaginative but economical and practical layouts and designs for large-scale housing and mixed commercial and industrial developments. The position also includes an important and responsible role in the project management and implementation of resulting schemes.

An excellent working environment, good salary and Company car, medical and pension schemes are offered in return. Please apply in own hand writing to the Personnel Manager.

Robert Hitchens
The Manor, Boddington, Cheltenham, Gloucestershire

KNUTSFORD CHESHIRE ARCHITECTURAL TECHNICIAN

required for small busy
office for variety of
projects. Minimum 5 years
experience preferred.

Write with C.V. to:
**David Mansfield
Associates**
9-11 Princess Street
Knutsford
Cheshire
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SOUTH SOMERSET ARCHITECT PART II or III ARCHITECTURAL TECHNICIAN

Yet further important commissions.
Applicants required with a high standard of presentation,
experience and responsibility.
Written CV required and you may telephone
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with 1-6 years experience for varied levels of
responsibility.

Please write with CV to:
W S Hatfield and Partners
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SENIOR BUILDING OFFICER

Required 37 hours per week with a minimum of HNC in Building or
approved equivalent. The successful candidate will be responsible
to the Unit Works Officer for Building Maintenance, Operations and
Minor Works Programmes. Salary scale £8763-£10143 per annum
plus up to 15% bonus payment.

Further information is available from Mr K. R. Harrison, Unit Works
Officer, Tel: Bradford (0274) 734744, Ext. 321.
Job descriptions and application forms may be obtained from the
District Personnel Officer, Bradford Health Authority, Dale
Bank, 109 Duckworth Lane, Bradford BD9 6RL. Tel: (0274)
494133, Ext. 933, to whom completed form should be returned
by 30 May, 1988.

BRISTOL CITY COUNCIL HOUSING DEPARTMENT TECHNICAL ASSISTANT

This post is for someone who enjoys hard work, needs a challenge,
demands high standards and looks for a wide variety of work without
prospects in a Building Surveying environment.

The post is based in a new section dealing with system built houses in
the private and public sector. If you have a basic construction
qualification, preferably to O.N.C. standard and drawing office
experience in an architectural or surveying environment, this post
could suit you.

There is the opportunity to take further qualification on a day release
basis for the right person.

For further details and an application form please telephone Bristol
(0272) 20219 or write to the Recruitment and Equal Opportunities
Manager, The Council House, College Green, Bristol BS1 8TR,
quoting reference H0782/B.G.

Applications returnable by 8th June 1988.
BRISTOL CITY COUNCIL IS AN EQUAL OPPORTUNITIES EMPLOYER.
Not only are all jobs open to men and women of all ethnic groups, but we
also welcome applications from disabled people.

BRISTOL

MAINTENANCE CONTROL ORPINGTON BASED

Assisting the Store Design and Development Controller
of our Retail Carpet Division, your main responsibility
will be for the routine maintenance of the division's
properties throughout England and Wales, including
planned preventative maintenance and shop refurbish-
ment programmes.

The successful applicant must have sound building
knowledge, experience in the organisation of small to
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control. An ability to prepare appropriate drawings
would be an advantage.

For an application form please telephone Orpington
(0888) 76127, quoting ref. HQ884, or write with full
CV to:

Recruitment Section,
Personnel Department,
Harris House,
78 High Street,
Orpington,
Kent.

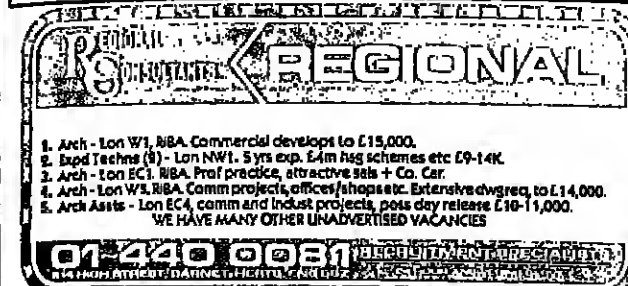
All interviews will be held locally.
This vacancy is open to both men
and women.

HARRIS QUEENSWAY PLC

ARE YOU AN ARCHITECT with 4-6 years post-graduate experience, ambitious, enthusiastic, practical and design-conscious?

WILLING TO WORK in Devon or Somerset

Practice prospects if you are interested and able.
Full CV and salary required, please to:
Stone & Partners
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1. Arch - Lon W1, BSA Commercial developments to £15,000.
2. Insp Teehee (N) - Lon NW1, 5 yrs exp. £4m hsg schemes etc. £9-14k.
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exciting retail development currently at the
design stage.

Experience on retail development is desirable.

Please write in the first instance, enclosing your
C.V., to:

Stewart Snook
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16 Fitzharding Street
London W1H 0ER

ANCHOR HOUSING ASSOCIATION
LONDON & SOUTH EAST REGION
BUILDING/MAINTENANCE
SURVEYORS

Salary: £6,396-£14,396
plus £1,411 London weighting
(subject to review 1st July)

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retirement age, Anchor requires 2-3 surveyors to be responsible
for the control of design and construction of selected new-build
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Appropriate technical qualifications which offer scope,
experience are required for these positions with the right candidate,
responsibility and challenge to the right candidate.

A car will be provided or car allowance paid.
Further details and Application Form from:
Regional Director
Anchor Housing Association
166 Clapham High Street
LONDON SW4 7ES
Tel: 01-720 7841

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Architectural Technicians — Herts £9,500 p.a. Co. — Essex, Salaries up to £16,500
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For further details please contact us at
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Tel: 01-848 3780

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with at least 5 years experience required to join successful multi-disciplinary practice.
Please apply with C.V. or phone J. G. Smith 0779-323666

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If you are a self-starter and a team player, please apply to:
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ARCHITECT

with the ability to manage projects on own initiative.

Contact:

Mark Stower

Holford Associates

110 Upper Thames Street

London EC4R 3TJ

Tel: 01-626 9784

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An Architect is required to undertake the supervision of the refurbishment and extension of a listed building in London to commence on site in April 1986. The duties will involve assisting the design team in administering this last-track contract on site, establishing quality control procedures and liaison with the contractor's management team in the co-ordination of the work.

The person appointed will have had several years' experience of site inspection and contract administration and be aware of the need to reconcile quality with speed.

Previous experience as a Resident Architect would be an advantage and preference will be given to applicants who already reside in London or who can relocate quickly.

The appointment will be for approximately 15 months.

Write in the first instance with CV to:

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24 Britton Street

London WC1N 3AT

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Architect

T.B.A. is a moderate size, creative high profile practice with an emphasis on quality residential design, refurbishment of commercial properties together with new build residential and conceptual manipulation of sites and landscape developments.

We are looking for:

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ASSISTANT ARCHITECTS
RECENTLY QUALIFIED
ARCHITECTS

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Gatehouse Studio
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Limehouse E14 7HR

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Applicants should have a high standard of design ability together with communication and presentation skills.
Please write with curriculum vitae to:

Robert Walker
Frederick Gibberd Coomes & Partners
89-94 St. John Street
London EC1M 4BP

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Young Architectural Assistant/Technician to join new expanding office. If you are capable, enthusiastic and energetic, call

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Reply in writing with CV to:
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Building Design Partnership
Tokenhouse Chambers, Bridlepath Gate
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We are a client controlled agency providing services to housing co-operatives and short-life housing groups in North London. We employ 30 people at our Kentish Town office with equal pay and responsibility. We are looking for an experienced Surveyor to prepare specifications (sometimes with drawings) and supervise major repairs and improvements to short-life properties and to provide a maintenance survey and supervision service for both permanent and short-life groups.

Salary £12,830 p.a. (under review), 26 days annual leave.
We are an equal opportunity employer. For job description and application form, to be returned by June 2, 1986.

Contact Roy Lee or Beatrice King
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London NW5 2JT
Tel: 01-247 8005/6

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Salary up to £13,662
+ essential car users allowance.

ARCHITECTURAL**TECHNICIAN**

Salary up to £10,368
+ essential car users allowance

Family Housing Association is a fully qualified Architect and a Technician to establish an in-house design team which will undertake a range of new build schemes for the elderly and to maintain the associations inner city rehabilitation programme. Previous housing association experience, although desirable, is not essential.

Further information and application forms are available from:-
Andre Norris, Director,
Family Housing Association (Swansea),
43 Walter Road, Swansea SA1 5PN.
Telephone: 0792 460192

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Peter Sargent & Mark Potiriadis will meet all short listed applicants on the 29th May and 4th June 1986.

MONMOUTH DISTRICT COUNCIL**TECHNICAL SERVICES DEPARTMENT****PLANNING SECTION****ARCHITECTURAL STUDENT**

Applications are invited from Architectural Students about to commence a 'year out' as part of their course. The post is a Practical Training period of one year (compatible with R.I.B.A. requirements) and commences on 1st August 1986. It aims to provide a broad range of experience within a Local Authority office dealing with conservation and historic buildings. The salary for the year is £2,934. The Monmouth District is a large rural area and car ownership would be an advantage to the postholder.

For application form and job description please contact the Personnel Officer, Monmouth District Council, Mamhilad House, Mamhilad Park Estate, Pontypool, Gwent NP4 0YL.

Telephone: Pontypool (0495) 8311, Extension 299.
Closing date: 19th June 1986.

SOMEWHERE

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— to work on a variety of development proposals and planning studies in private and public sectors.

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Please apply in writing with CV to: Richard Manthorpe, Broadway & Malyan, Osprey House, Station Rd, Addlestone, Weybridge, Surrey. Tel: 0932 46599

SCARBOROUGH BOROUGH COUNCIL**TECHNICAL SERVICES DEPARTMENT****SENIOR ARCHITECT**

Grade P.O.1 (£11,280-£12,168)

Applications are invited from Registered Architects (R.I.B.A.) with several years experience in design implementation, contract administration and site supervision. Candidates should be able to demonstrate their versatility and flair for housing, leisure and amenity buildings as well as sensitivity towards conservation. In order to meet the many and varied demands of this Authority.

The Authority has an attractive relocation scheme and assistance may be given with temporary housing accommodation in approved areas and subject to a satisfactory medical report.

Application forms are available from the Director of Technical Services, Town Hall, Scarborough YO11 2HG, telephone (0723) 379331 (extension 344) to whom they should be returned no later than Wednesday, 4th June, 1986.

SCARBOROUGH BOROUGH COUNCIL IS AN
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